Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003103937-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/05/2021

Reporting Period

01/04/2021 to 30/04/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	17 Days
Machine Operating Hours	69.8 hr(s)
Fuel Consumption	1,059 l
Ratio of Eco Mode Usage	42 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Mid" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	52.5 hr(s)
Non-Operation Hours	17.3 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Operating Conditions

Latest Hour Meter Reading	2,582 hr(s)	Time since Delivery	2Year(s) 4Month(s)
No. of Operating Days	17 Days	Machine Operating Hours	69.8 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1	2	3
4	5	6	7	8	9	10
		9.2 / 153		1.1 / 23		2.9 / 56
11	12	13	14	15	16	17
	8.6 / 129	7.5 / 123	6.0 / 81	0.5 / 2	0.1 / 0	4.9 / 70
18	19	20	21	22	23	24
	4.9 / 75	3.0 / 36	8.2 / 121	6.9 / 105	0.6 / 6	
25	26	27	28	29	30	
	3.2 / 47	2.3 / 35		0.1 / 0		

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	58 %	ECO Mode	42 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,059 l	Over Preceding Month	+82 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	15.2 l/hr	Over Preceding Month	+0.1 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	2,732 kg	Over Preceding Month	+210 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	24 %(17.3 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	63 %(33.1 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

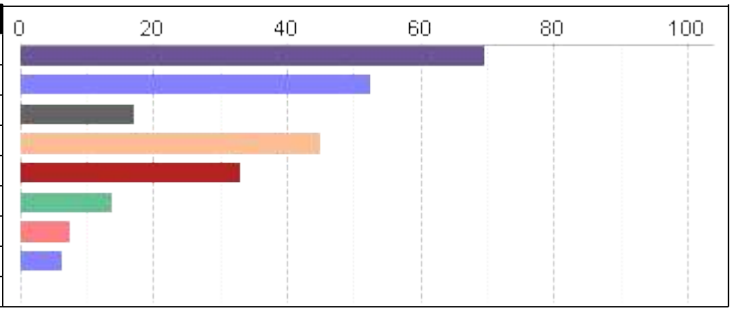
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

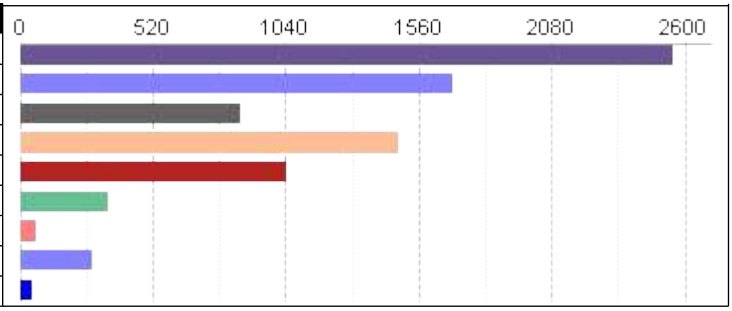
Item	Current Month
Engine Operating Hours	69.8 hr(s)
Actual Operating Hours	52.5 hr(s)
Non-Operation Hours	17.3 hr(s)
Front Operation Hours	45.2 hr(s)
Swing Operation Hours	33.1 hr(s)
Travel Operation Hours	14.0 hr(s)
Fast Speed Mode	7.5 hr(s)
Slow Speed Mode	6.5 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

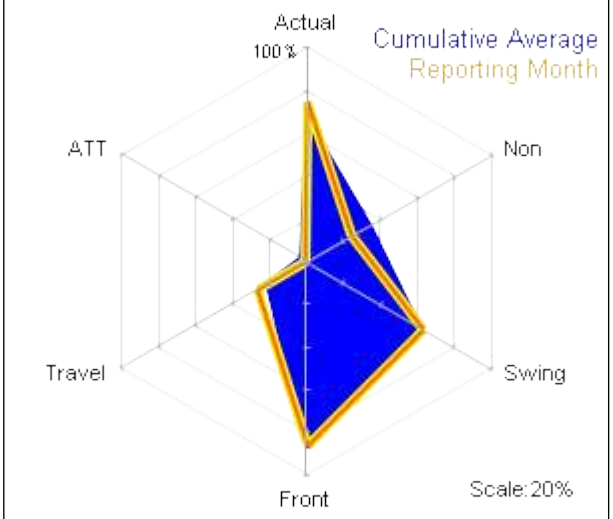
Item	Cumulative Total
Engine Operating Hours	2,560.1 hr(s)
Actual Operating Hours	1,697.5 hr(s)
Non-Operation Hours	862.6 hr(s)
Front Operation Hours	1,481.8 hr(s)
Swing Operation Hours	1,043.2 hr(s)
Travel Operation Hours	348.8 hr(s)
Fast Speed Mode	66.9 hr(s)
Slow Speed Mode	283.8 hr(s)
Attachment Operation Hours	47.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

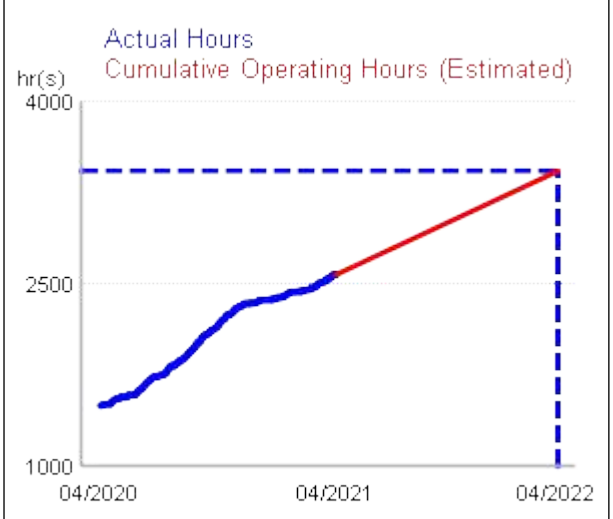
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,433 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
2,750 hr(s)	3,000 hr(s)	3,250 hr(s)	3,500 hr(s)
11/07/2021	27/10/2021	11/02/2022	30/05/2022

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

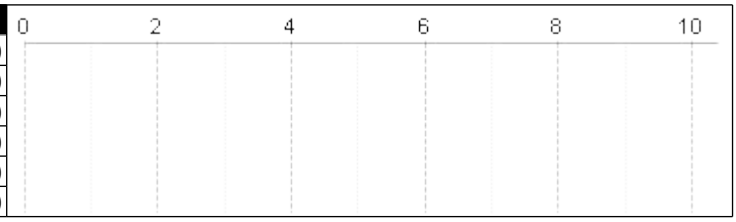
Attachment Operation Hours		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

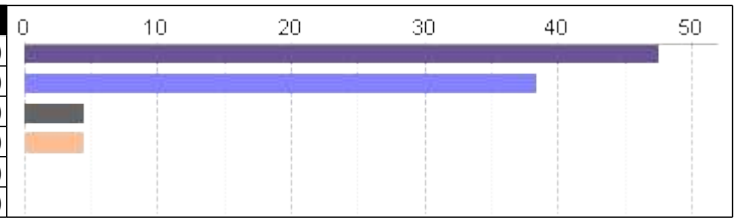
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.6 hr(s)
Breaker Operation	38.5 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

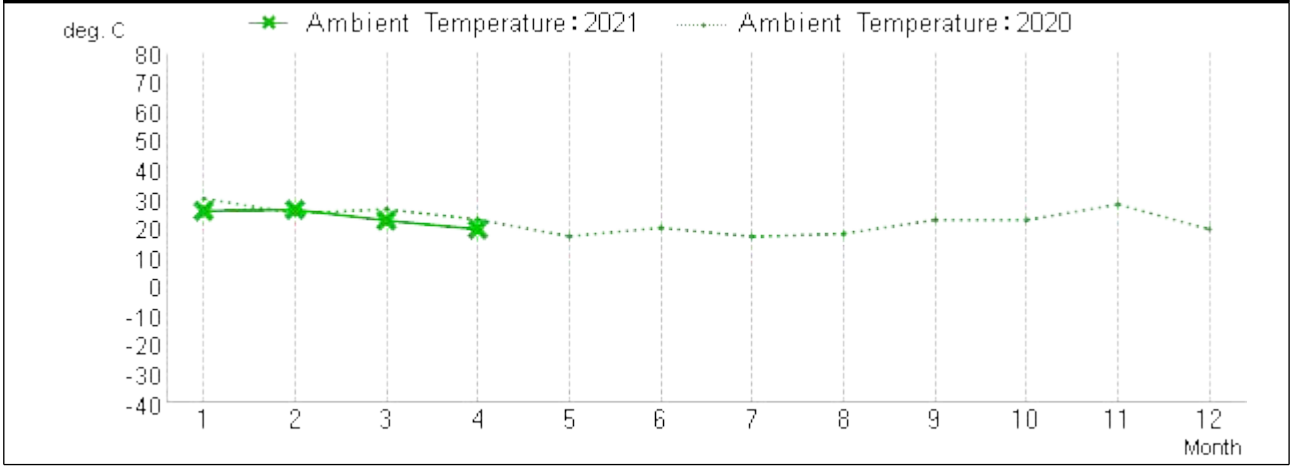
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Transition of Daily Highest Temperatures

The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/04/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures

Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

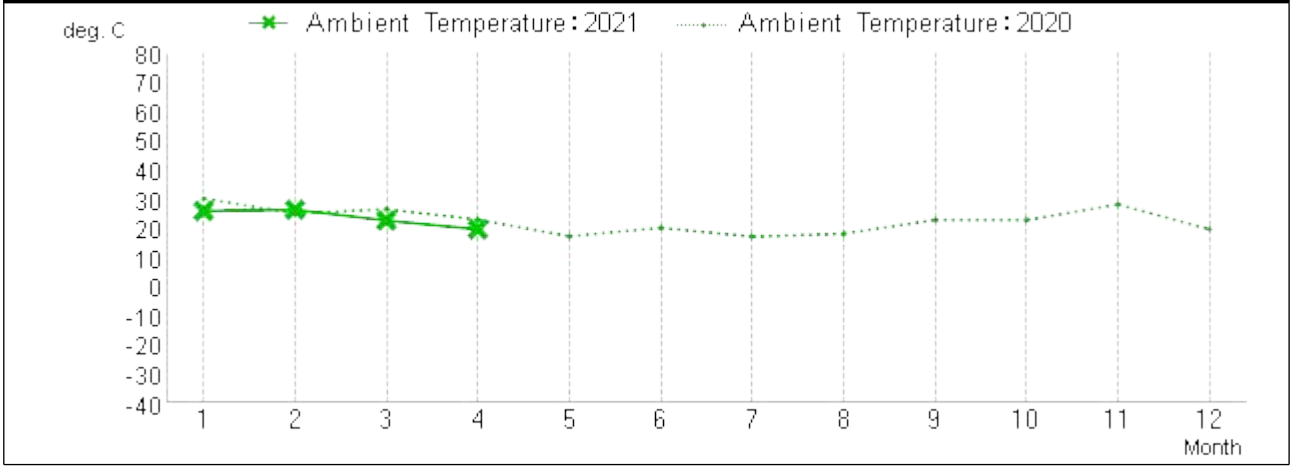
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Transition of Daily Highest Temperatures

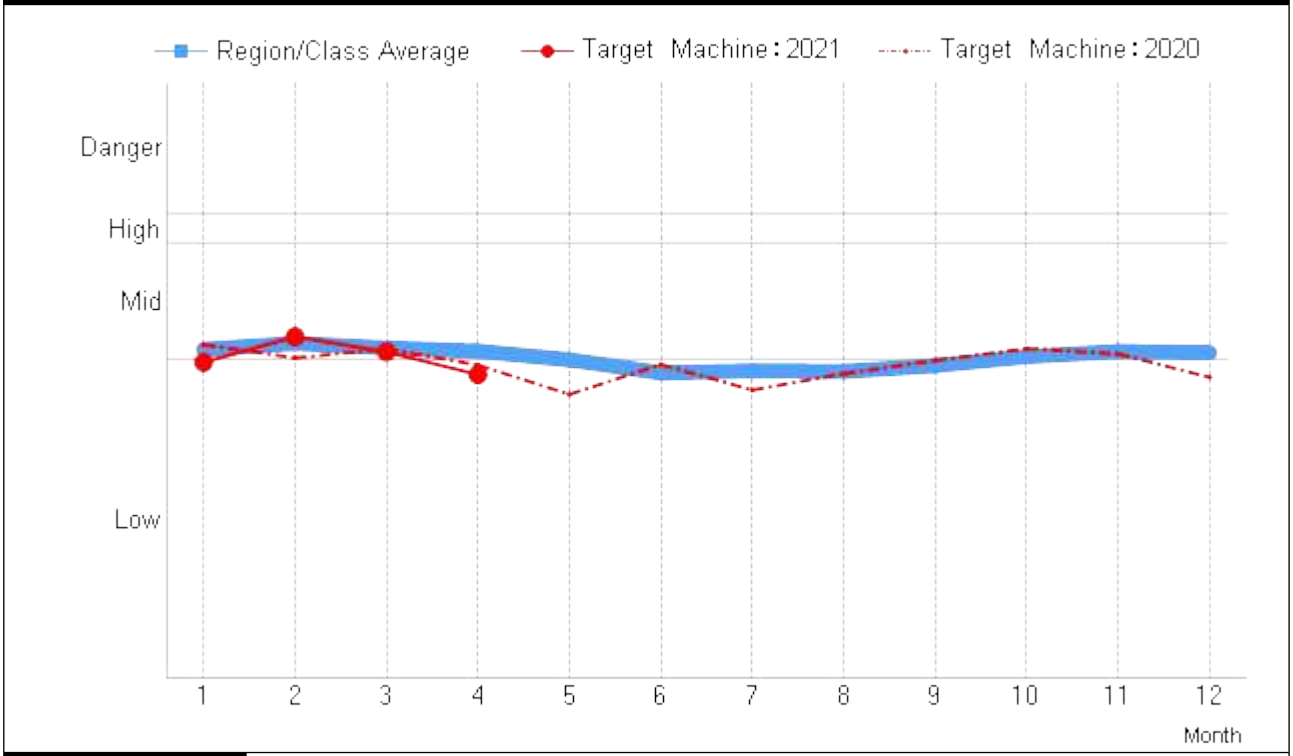
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/04/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Distribution of Temperatures		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Distribution of Temperatures

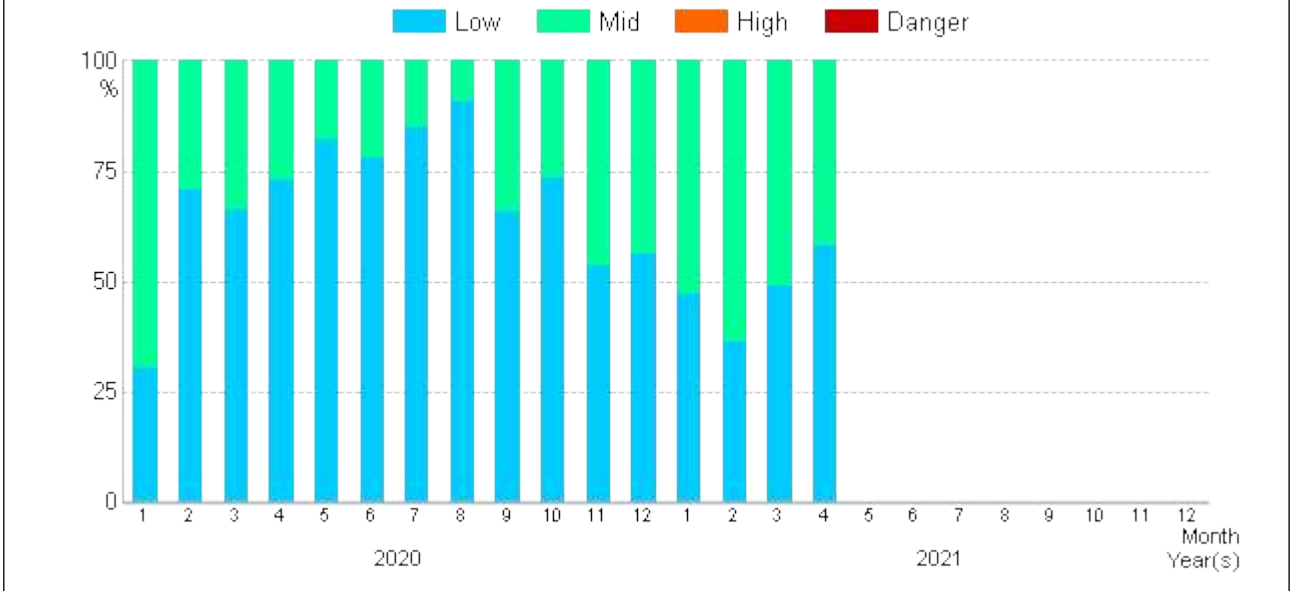
The graph shows the monthly distribution of temperatures with a summary of daily temperature.

Reporting Period	01/01/2020 to 30/04/2021

Coolant Temperature Distribution Chart

Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

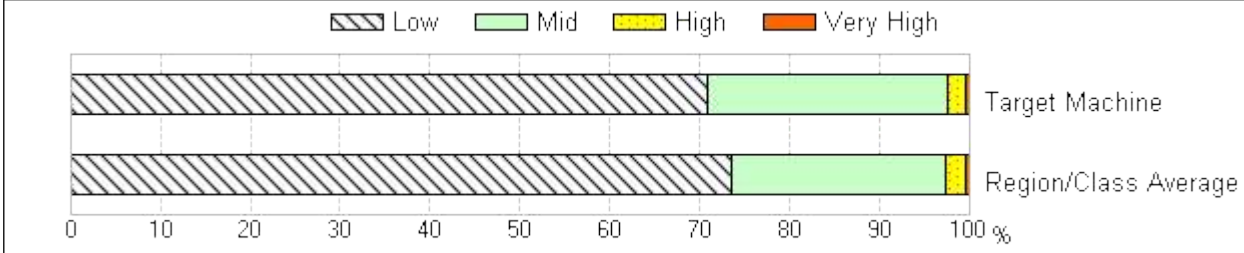
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

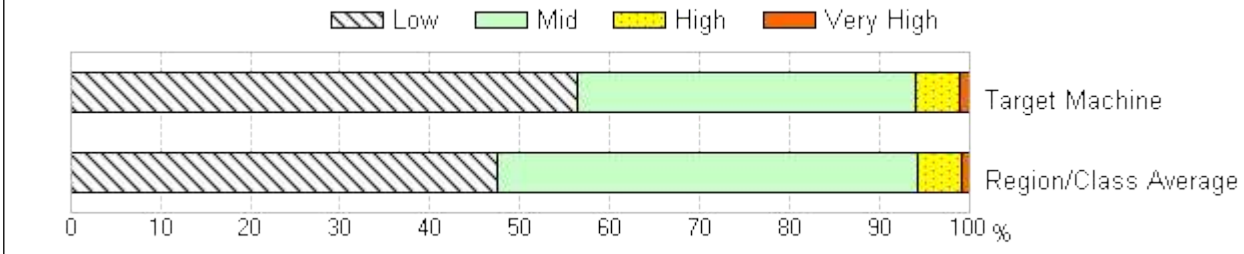
Reporting Period	2,382 hr(s) to 2,582 hr(s)

Pump Pressure



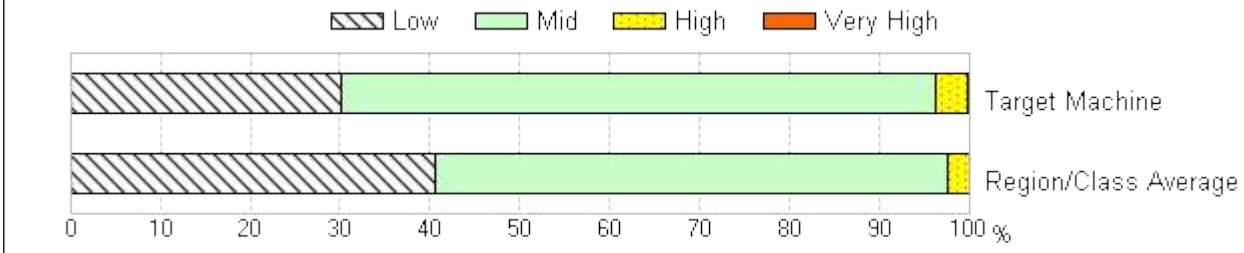
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



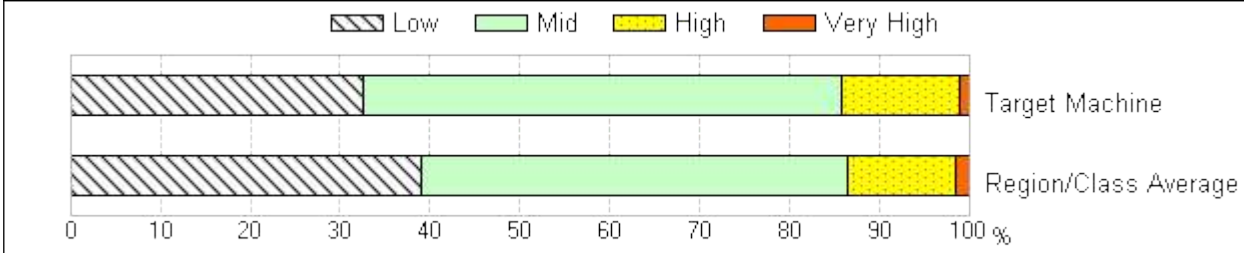
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

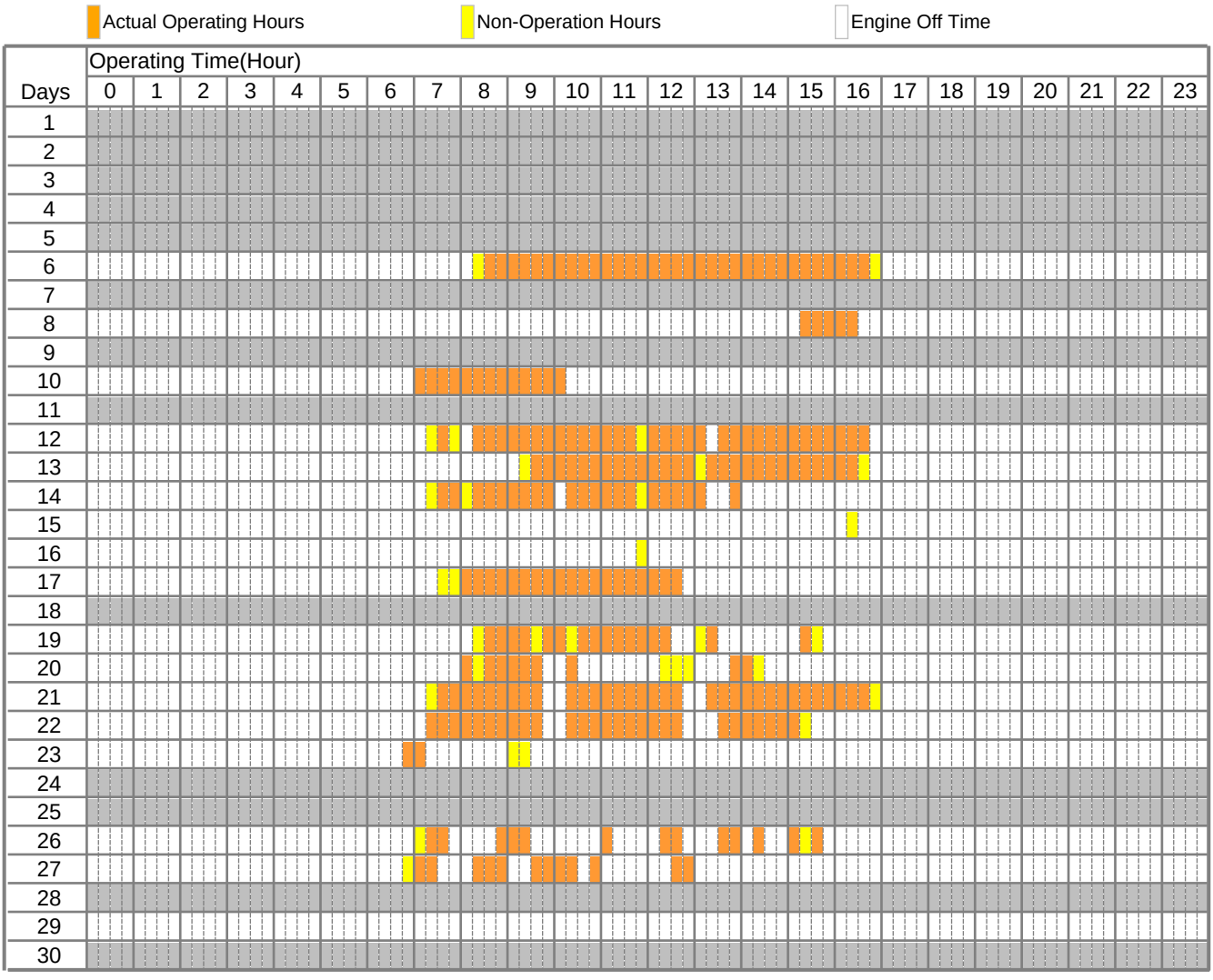
Daily Operating Report		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	69.8 hr(s)
Actual Operating Hours	52.5 hr(s)
Non-Operation Hours	17.3 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003103937-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2021 to 30/04/2021
S/N	308018	Date of Issue	08/05/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004405043-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/11/2022

Reporting Period

01/10/2022 to 31/10/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	4 Days
Machine Operating Hours	1.4 hr(s)
Fuel Consumption	5 l
Ratio of Eco Mode Usage	100 %
ECO Index (Non-Operation Ratio)	A B C [D]
ECO Index (Swing Operation Ratio)	A B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Low" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	0.5 hr(s)
Non-Operation Hours	0.9 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Operating Conditions

Latest Hour Meter Reading	3,372 hr(s)	Time since Delivery	3Year(s) 10Month(s)
No. of Operating Days	4 Days	Machine Operating Hours	1.4 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
						1.1 / 5
23	24	25	26	27	28	29
0.2 / 0	0.0 / 0	0.1 / 0				
30	31					

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0 / 75	Operating Hours[hr(s)] / Fuel Consumption[l]

Power Mode Ratio

PWR Mode	0 %	ECO Mode	100 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	5 l	Over Preceding Month	+5 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	3.3 l/hr	Over Preceding Month	+3.3 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	12 kg	Over Preceding Month	+12 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	64 %(0.9 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

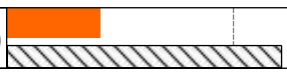
Efficient ←

Comment	Non-Operation ratio is very high. Fuel consumption can be reduced a lot by stopping the engine during waiting time or short rest. Also, there is a possibility that a mechanical or electrical problem might have contributed to the high non-operation hours.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	20 %(0.1 hr(s))



* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Actual Operating Hours were less than 1 hour. Data for the reporting period cannot be displayed.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

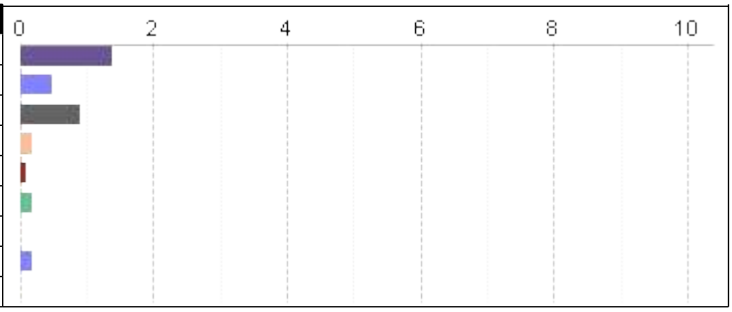
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

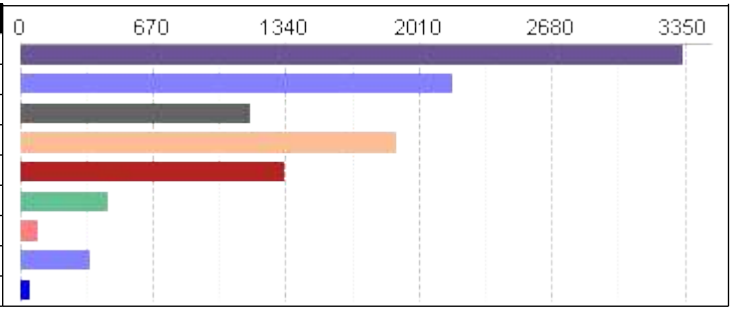
Item	Current Month
Engine Operating Hours	1.4 hr(s)
Actual Operating Hours	0.5 hr(s)
Non-Operation Hours	0.9 hr(s)
Front Operation Hours	0.2 hr(s)
Swing Operation Hours	0.1 hr(s)
Travel Operation Hours	0.2 hr(s)
Fast Speed Mode	0.0 hr(s)
Slow Speed Mode	0.2 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

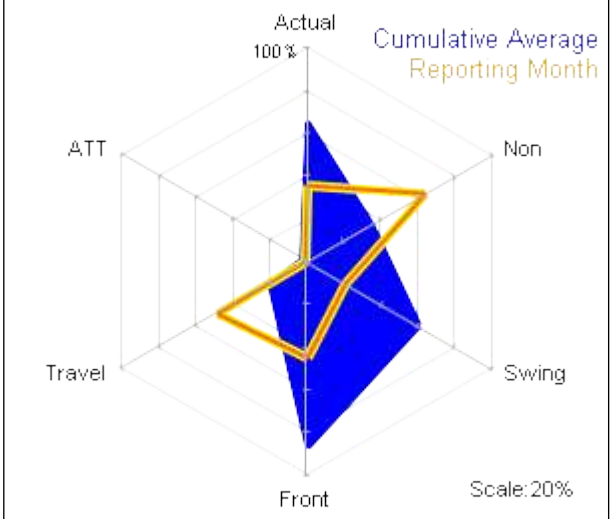
Item	Cumulative Total
Engine Operating Hours	3,342.1 hr(s)
Actual Operating Hours	2,178.6 hr(s)
Non-Operation Hours	1,163.5 hr(s)
Front Operation Hours	1,905.2 hr(s)
Swing Operation Hours	1,330.7 hr(s)
Travel Operation Hours	443.5 hr(s)
Fast Speed Mode	94.2 hr(s)
Slow Speed Mode	351.1 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

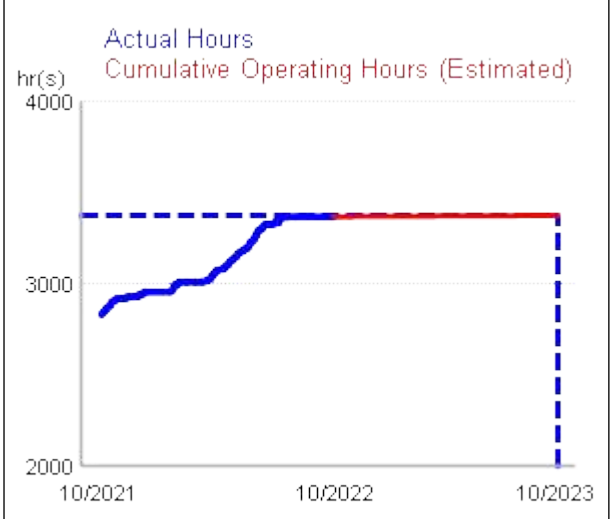
Ratio of Each Operation Hours



Comment	Non,Travel Operation Hours in this month is higher than Cumulative operating average. Actual,Swing,Front Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,379 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
22/05/2040	12/08/2074	02/11/2108	23/01/2143

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

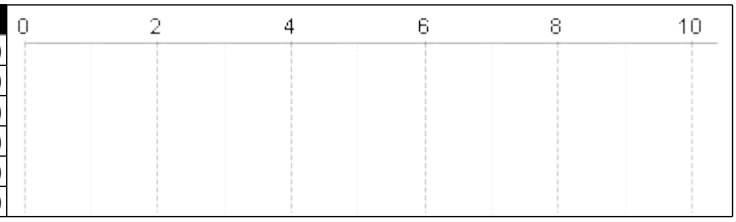
Attachment Operation Hours		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

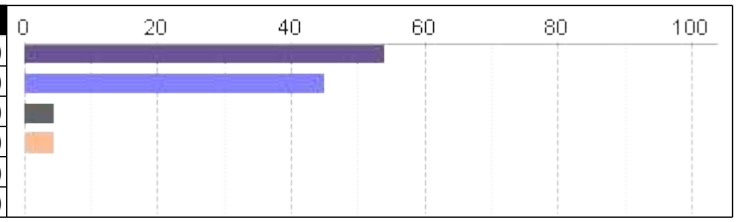
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

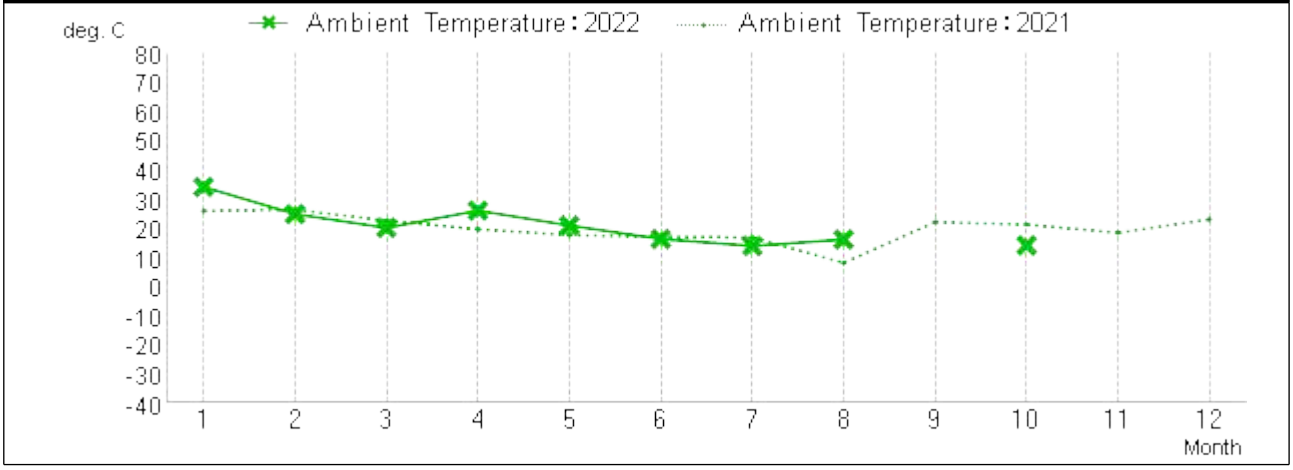
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Transition of Daily Highest Temperatures

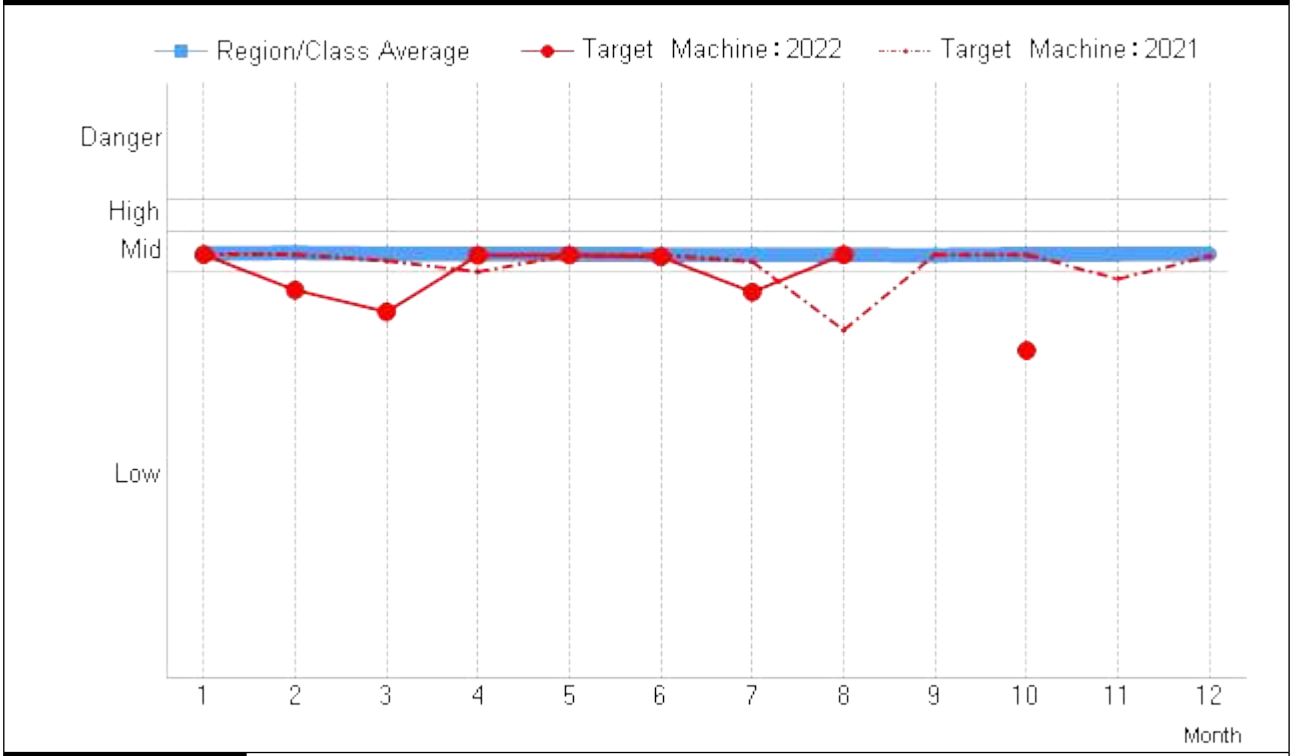
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/10/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

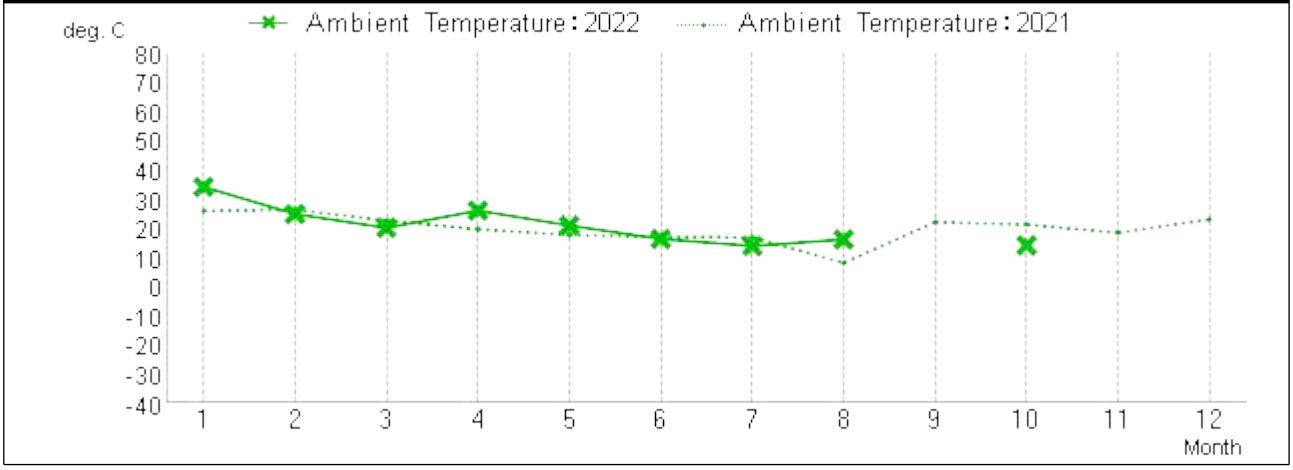
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Transition of Daily Highest Temperatures

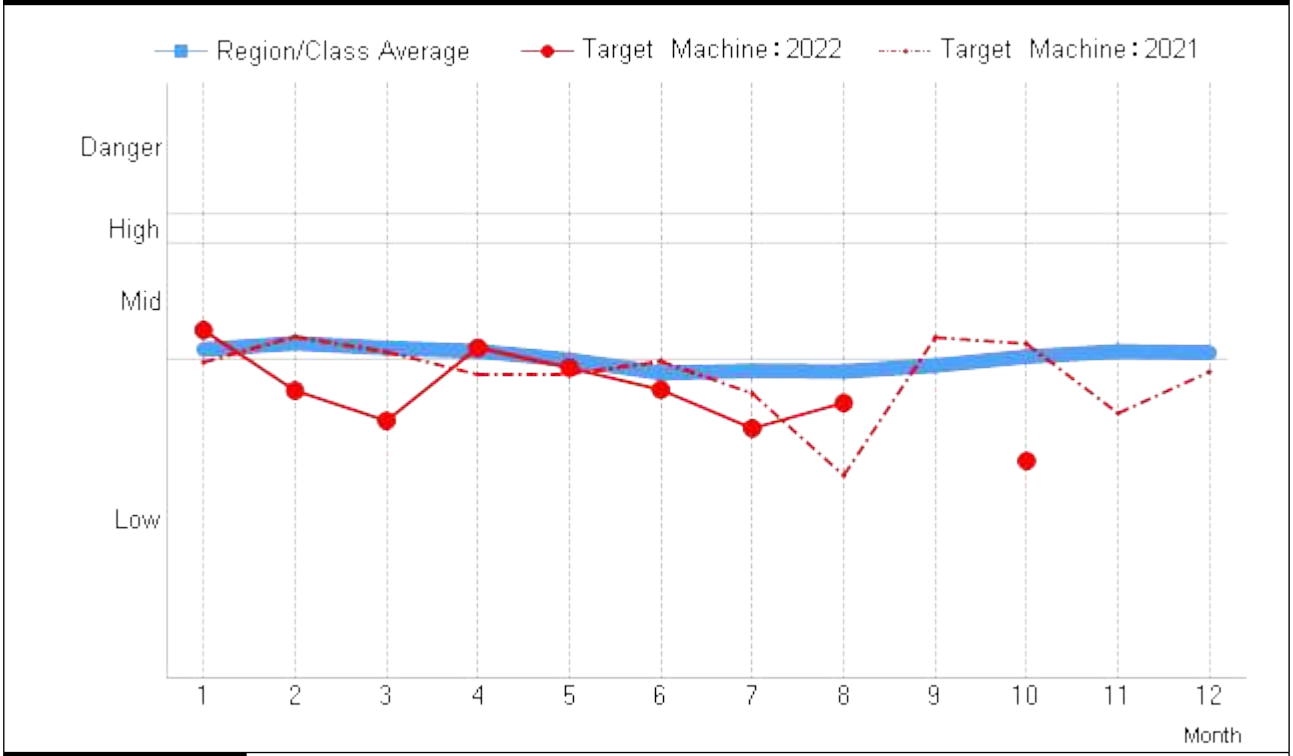
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/10/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

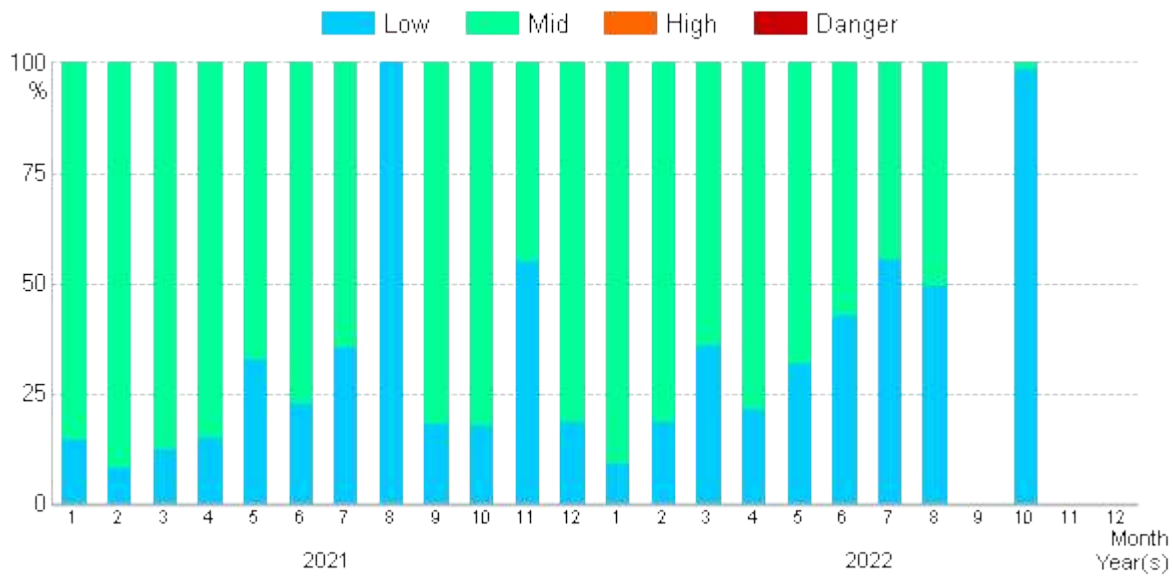
Distribution of Temperatures		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

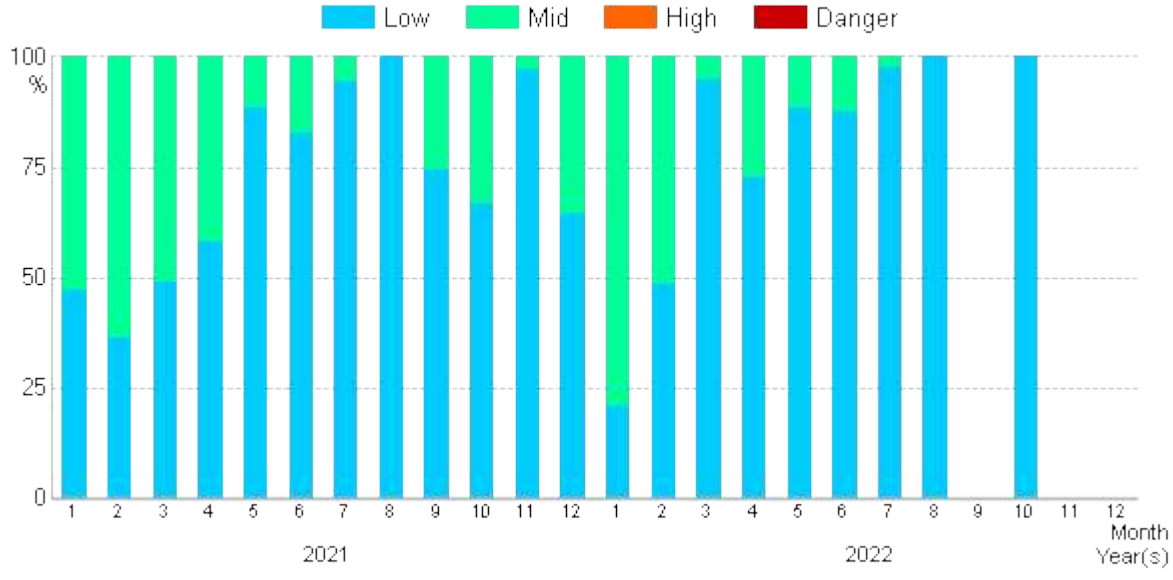
Reporting Period	01/01/2021 to 31/10/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

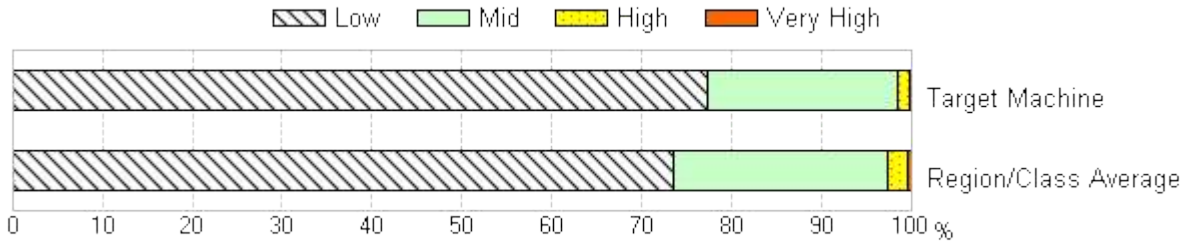
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

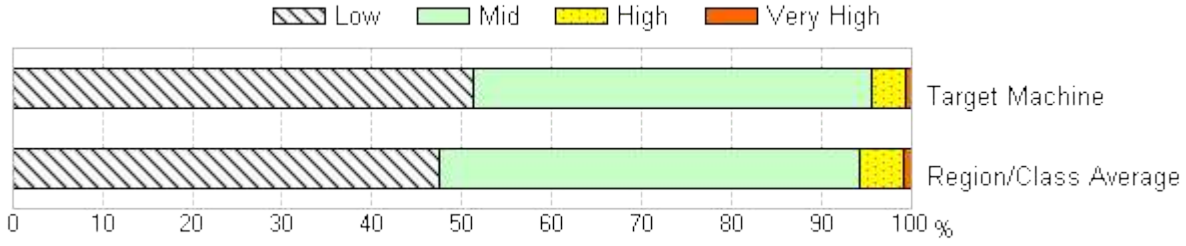
Reporting Period	3,172 hr(s) to 3,372 hr(s)

Pump Pressure



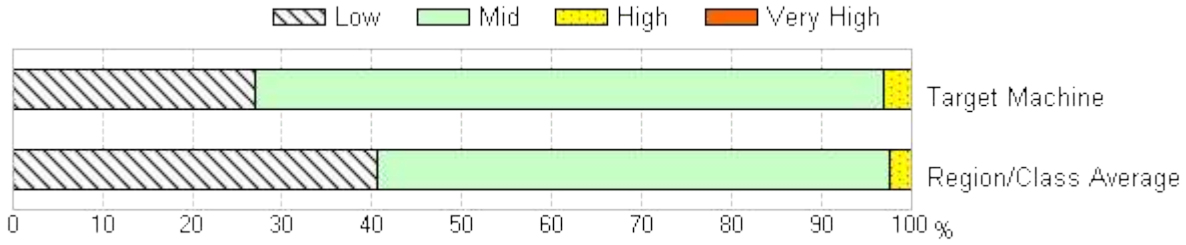
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



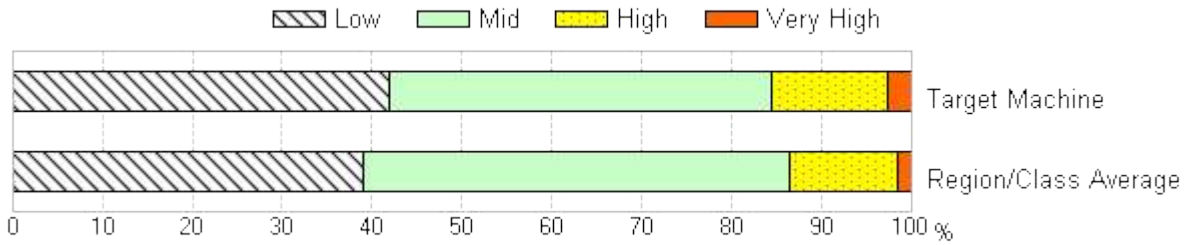
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

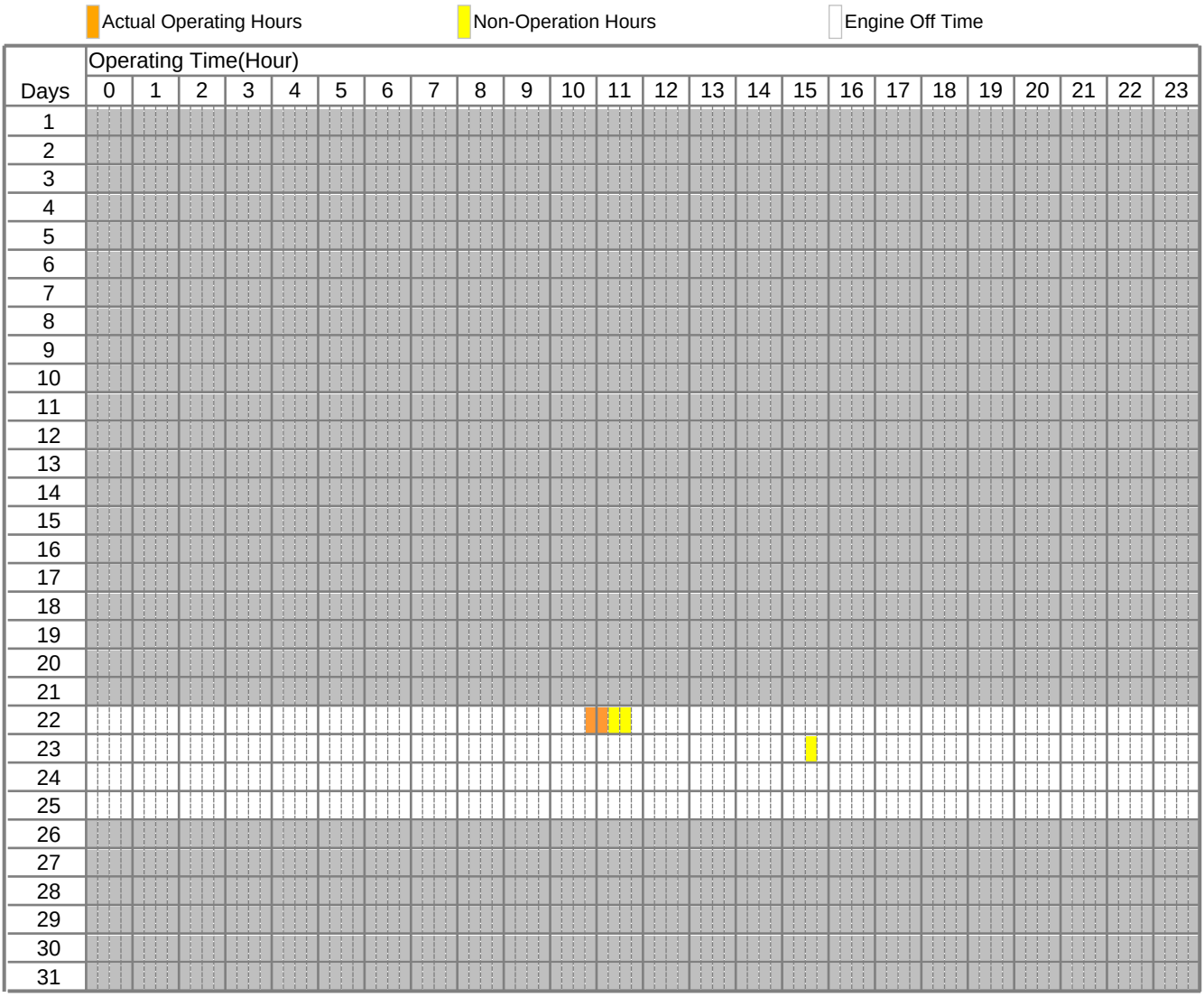
Daily Operating Report		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	1.4 hr(s)
Actual Operating Hours	0.5 hr(s)
Non-Operation Hours	0.9 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004405043-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2022 to 31/10/2022
S/N	308018	Date of Issue	08/11/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004481080-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/12/2022

Reporting Period

01/11/2022 to 30/11/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	13 Days
Machine Operating Hours	81.5 hr(s)
Fuel Consumption	1,237 l
Ratio of Eco Mode Usage	15 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Mid" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	62.0 hr(s)
Non-Operation Hours	19.5 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Operating Conditions

Latest Hour Meter Reading	3,454 hr(s)	Time since Delivery	3Year(s) 11Month(s)
No. of Operating Days	13 Days	Machine Operating Hours	81.5 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2	3	4	5
				0.2		
				4		
6	7	8	9	10	11	12
	6.5	7.0	8.2	2.7		
	108	126	146	37		
13	14	15	16	17	18	19
20	21	22	23	24	25	26
	1.3	6.7	8.6	6.2	7.7	
	8	95	126	81	112	
27	28	29	30			
	8.5	8.6	9.2			
	127	137	135			

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	85 %	ECO Mode	15 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,237 l	Over Preceding Month	+1,231 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	15.2 l/hr	Over Preceding Month	+11.5 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	3,192 kg	Over Preceding Month	+3,175 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	23 %(19.5 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	67 %(41.6 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

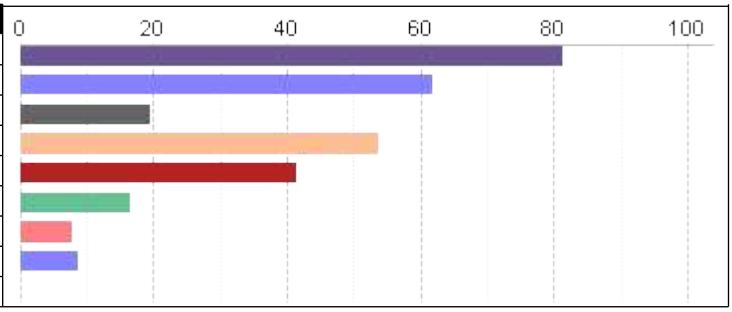
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

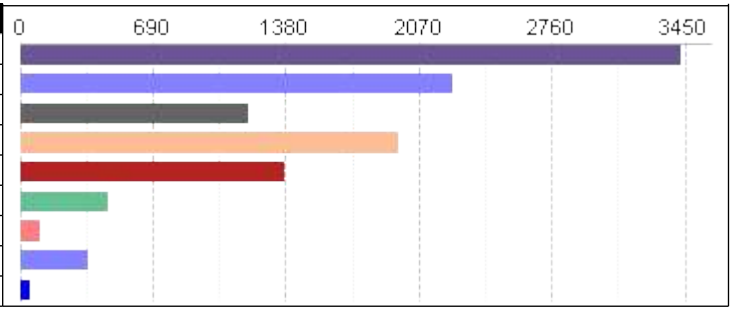
Item	Current Month
Engine Operating Hours	81.5 hr(s)
Actual Operating Hours	62.0 hr(s)
Non-Operation Hours	19.5 hr(s)
Front Operation Hours	53.8 hr(s)
Swing Operation Hours	41.6 hr(s)
Travel Operation Hours	16.7 hr(s)
Fast Speed Mode	7.9 hr(s)
Slow Speed Mode	8.8 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

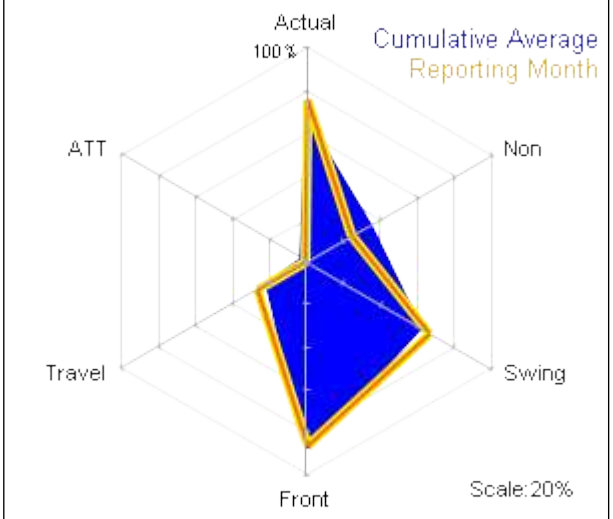
Item	Cumulative Total
Engine Operating Hours	3,432.2 hr(s)
Actual Operating Hours	2,247.6 hr(s)
Non-Operation Hours	1,184.5 hr(s)
Front Operation Hours	1,964.9 hr(s)
Swing Operation Hours	1,376.6 hr(s)
Travel Operation Hours	460.2 hr(s)
Fast Speed Mode	103.3 hr(s)
Slow Speed Mode	360.5 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

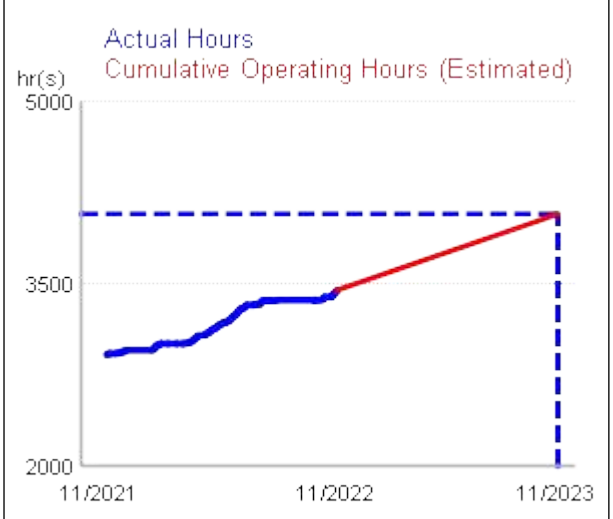
Ratio of Each Operation Hours



Comment	Actual Operation Hours in this month is higher than Cumulative operating average. Non Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,080 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
28/12/2022	23/05/2023	16/10/2023	10/03/2024

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

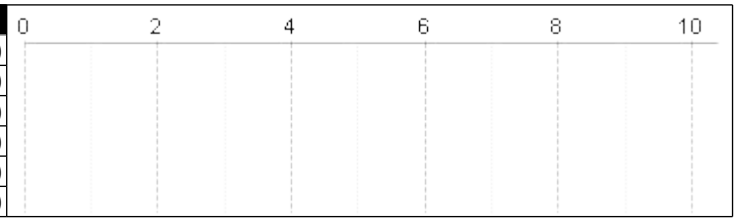
Attachment Operation Hours		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

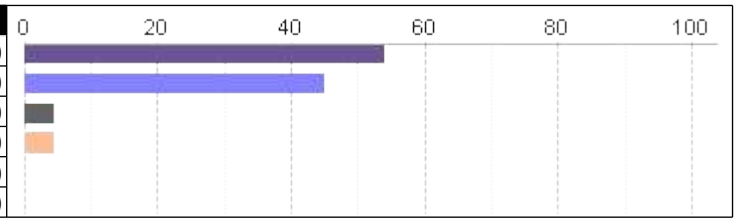
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

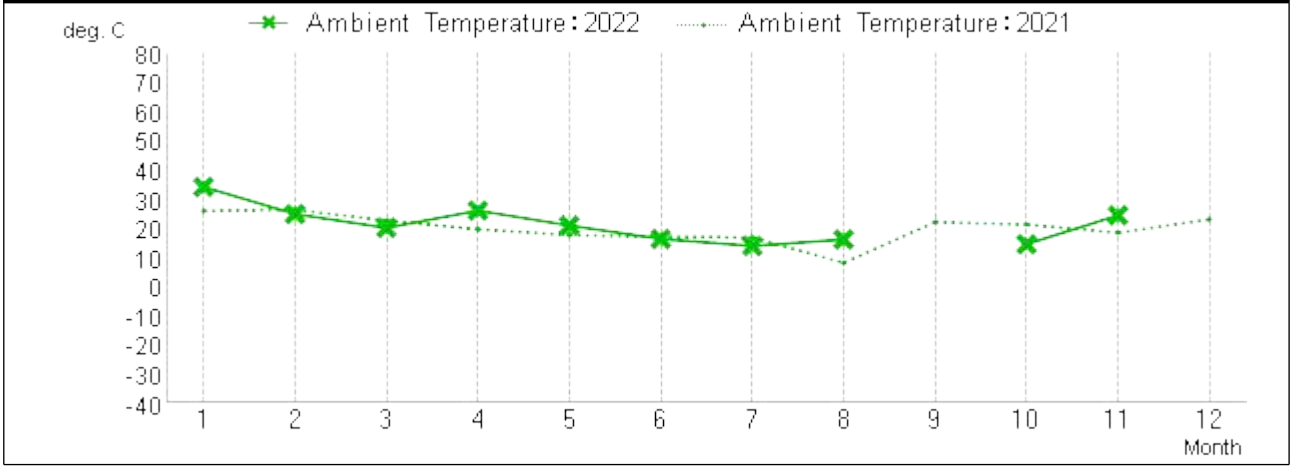
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Transition of Daily Highest Temperatures

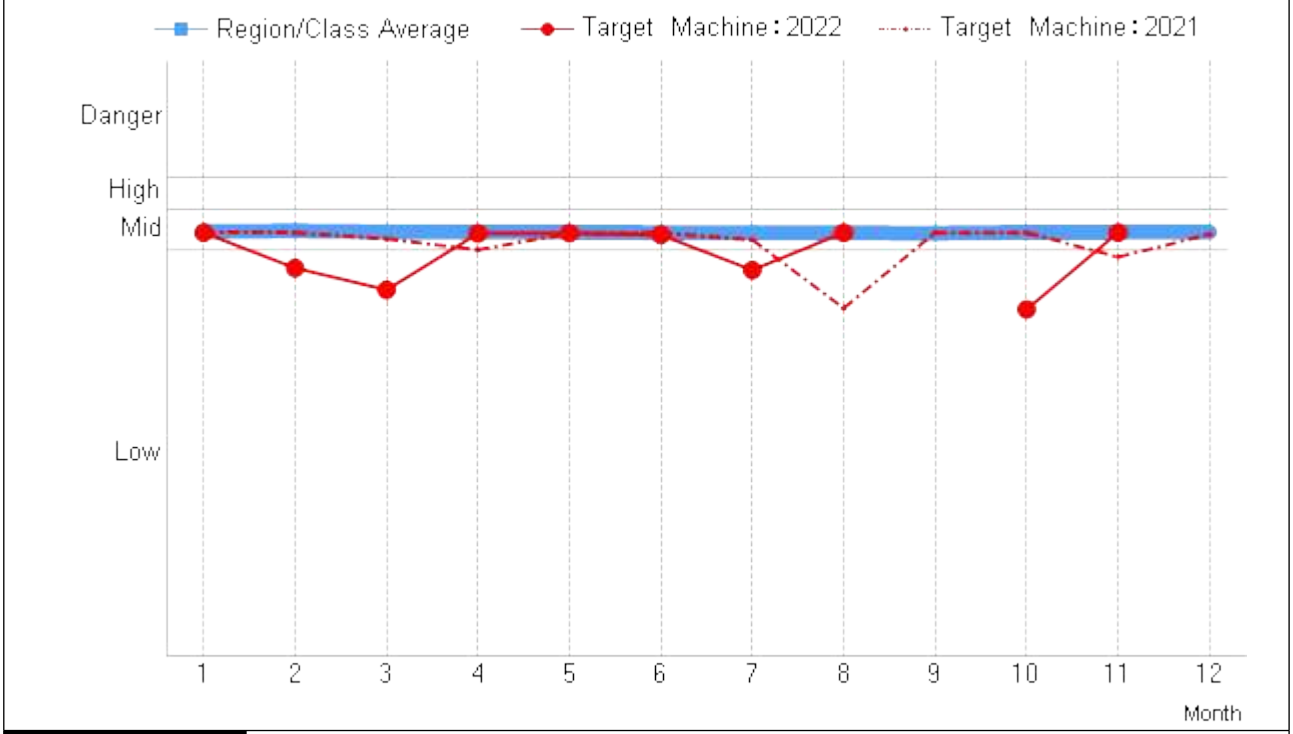
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/11/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

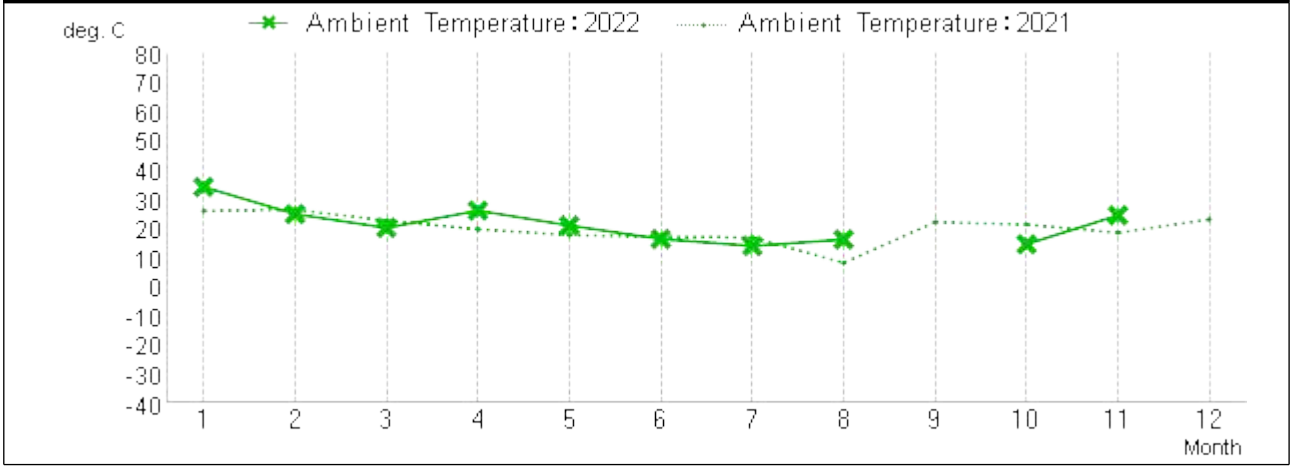
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Transition of Daily Highest Temperatures

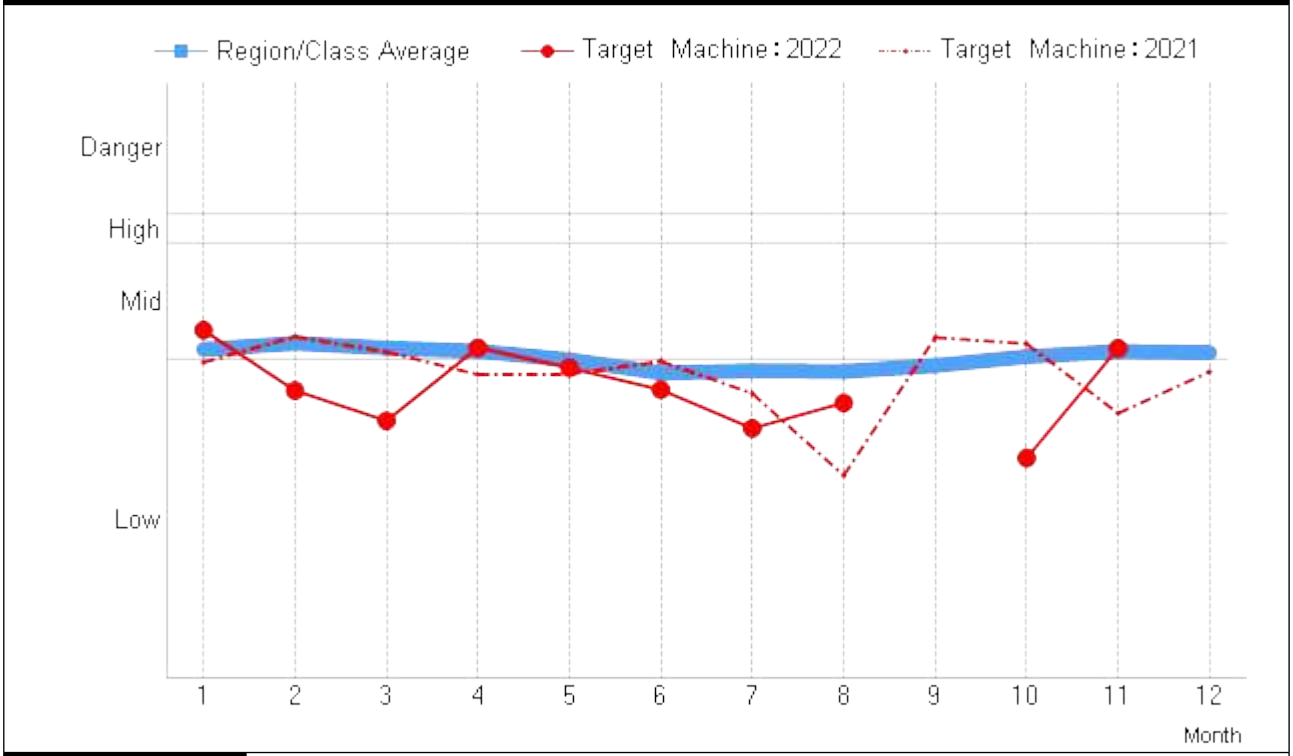
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/11/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

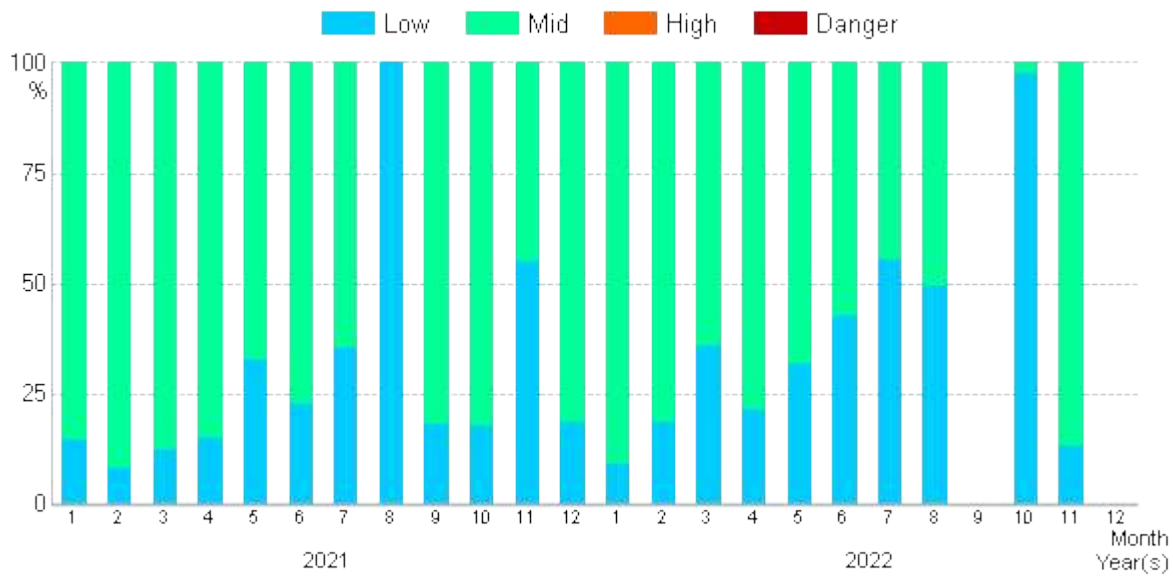
Distribution of Temperatures		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

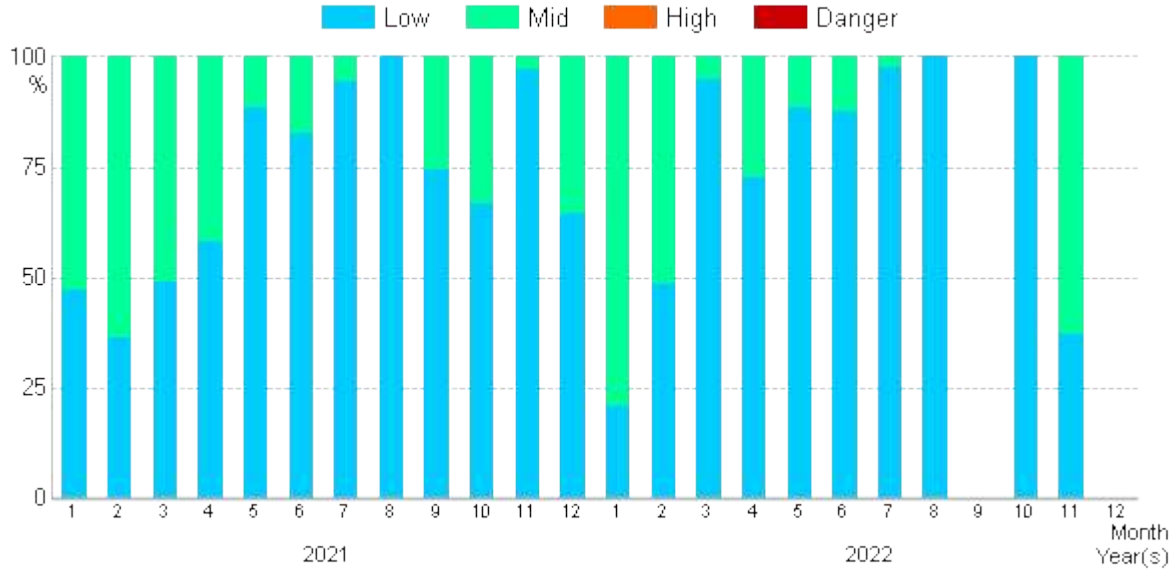
Reporting Period	01/01/2021 to 30/11/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

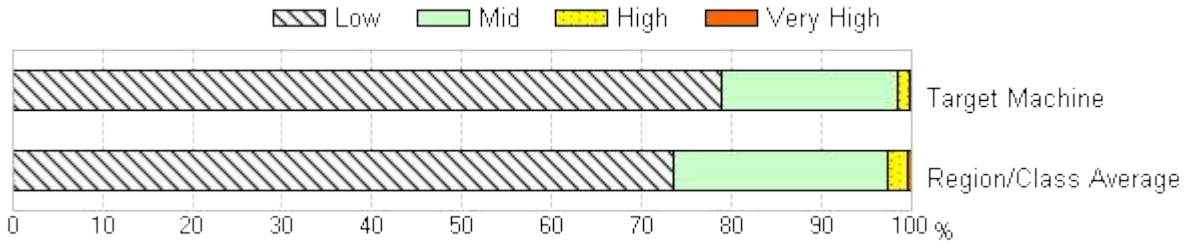
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

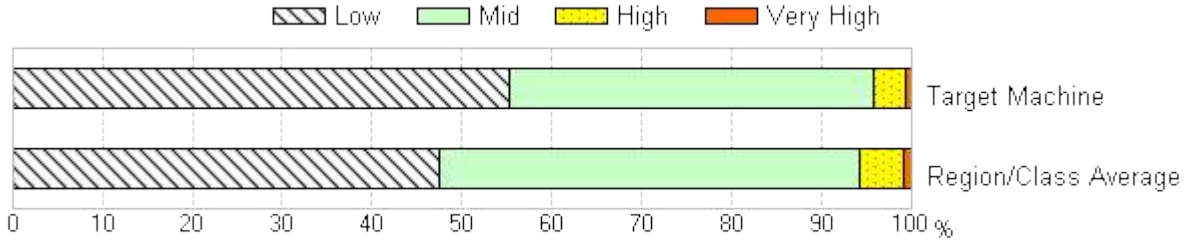
Reporting Period	3,254 hr(s) to 3,454 hr(s)

Pump Pressure



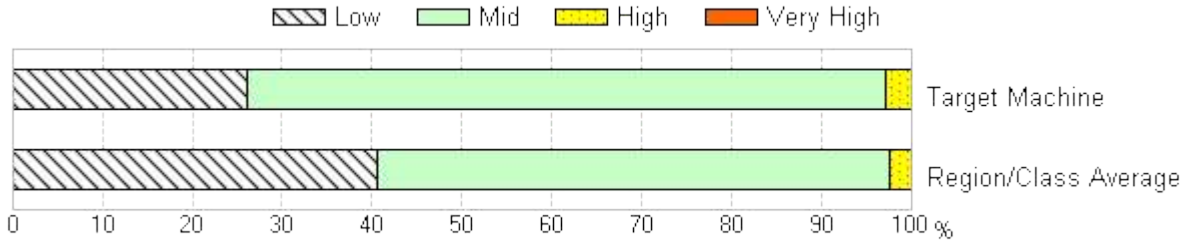
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



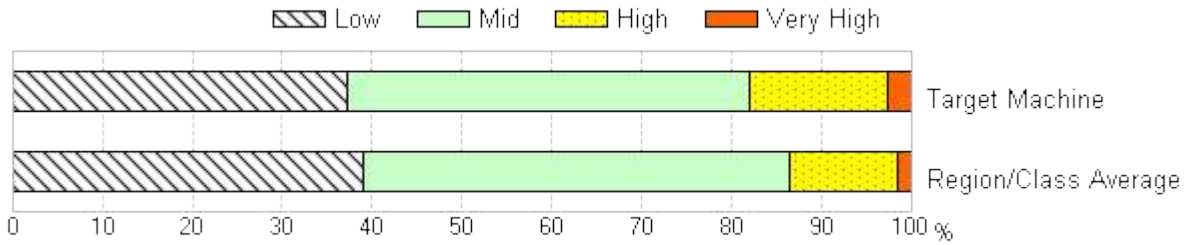
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

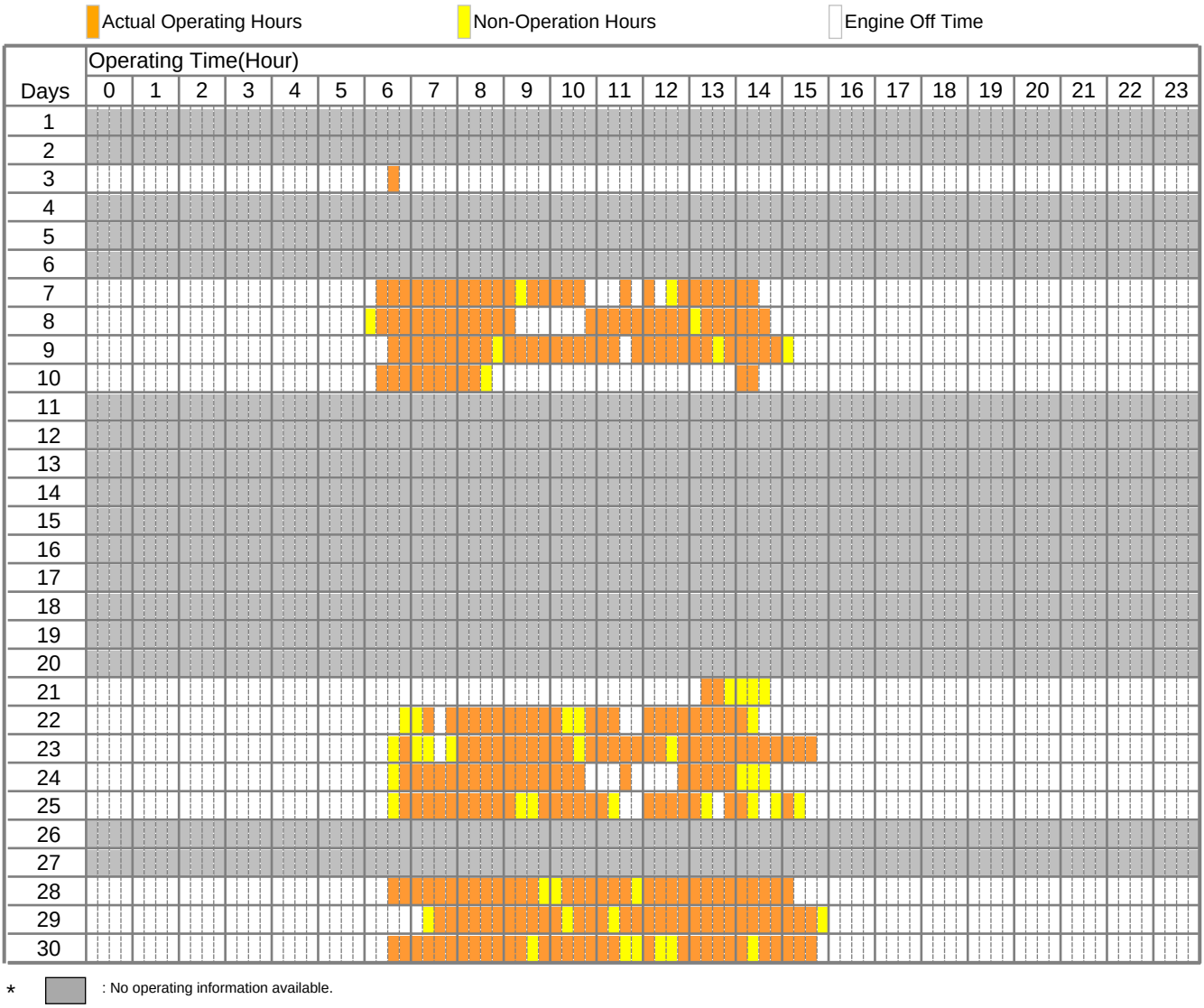
Daily Operating Report		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	81.5 hr(s)
Actual Operating Hours	62.0 hr(s)
Non-Operation Hours	19.5 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004481080-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2022 to 30/11/2022
S/N	308018	Date of Issue	08/12/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004328847-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/10/2022

Reporting Period

01/09/2022 to 30/09/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	0 Days
Machine Operating Hours	- hr(s)
Fuel Consumption	- l
Ratio of Eco Mode Usage	- %
ECO Index (Non-Operation Ratio)	A B C D
ECO Index (Swing Operation Ratio)	A B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	- hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	No Data

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	No Data

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.
Hydraulic Oil	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Operating Conditions

Latest Hour Meter Reading	3,370 hr(s)	Time since Delivery	3Year(s) 9Month(s)
No. of Operating Days	0 Days	Machine Operating Hours	- hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	- %	ECO Mode	- %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	- l	Over Preceding Month	-30 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	- l/hr	Over Preceding Month	-11.3 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	- kg	Over Preceding Month	-77 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	- %(- hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

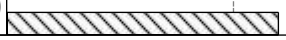
Efficient ←

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Comment	Engine Operating Hours were less than 1 hour. Data for the reporting period cannot be displayed.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

Swing Operation Ratio	- %(- hr(s))



* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

Comment	Actual Operating Hours were less than 1 hour. Data for the reporting period cannot be displayed.

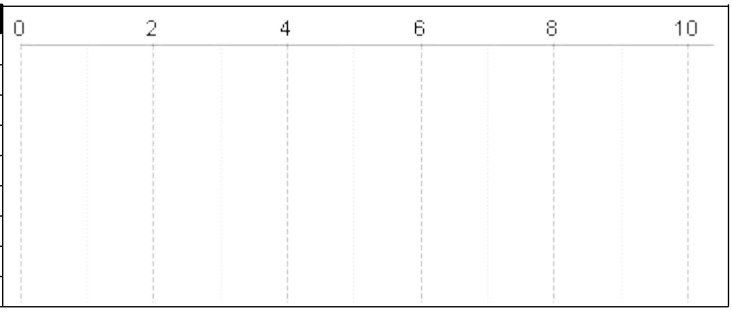
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

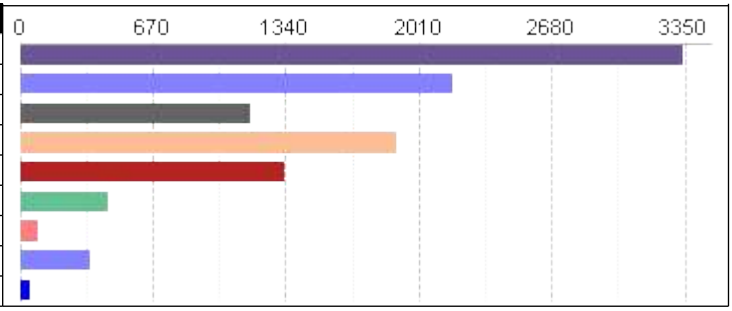
Item	Current Month
Engine Operating Hours	- hr(s)
Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)
Front Operation Hours	- hr(s)
Swing Operation Hours	- hr(s)
Travel Operation Hours	- hr(s)
Fast Speed Mode	- hr(s)
Slow Speed Mode	- hr(s)
Attachment Operation Hours	- hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

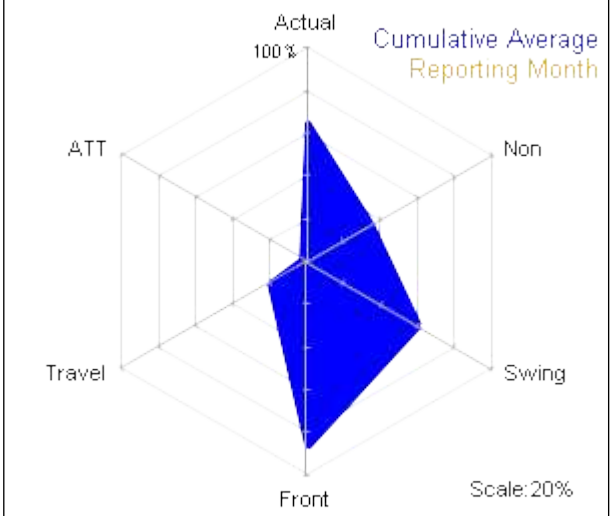
Item	Cumulative Total
Engine Operating Hours	3,340.7 hr(s)
Actual Operating Hours	2,178.2 hr(s)
Non-Operation Hours	1,162.6 hr(s)
Front Operation Hours	1,905.0 hr(s)
Swing Operation Hours	1,330.6 hr(s)
Travel Operation Hours	443.3 hr(s)
Fast Speed Mode	94.2 hr(s)
Slow Speed Mode	350.9 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

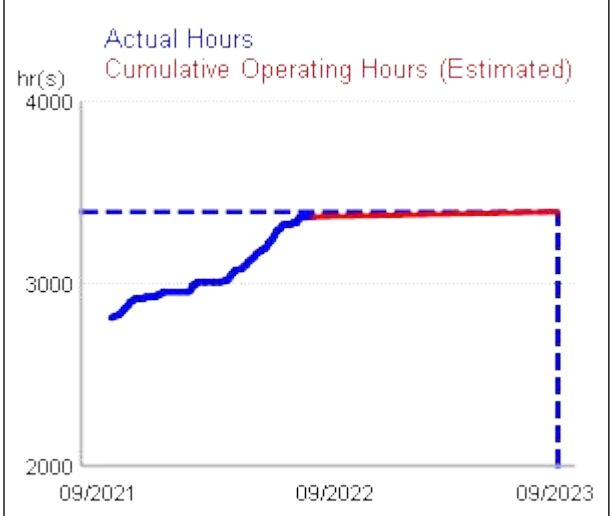
Ratio of Each Operation Hours



Comment	Engine operating hours are less than 1 hour. Insufficient data. Value for current month cannot be displayed.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,399 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
19/09/2027	30/06/2037	10/04/2047	18/01/2057

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

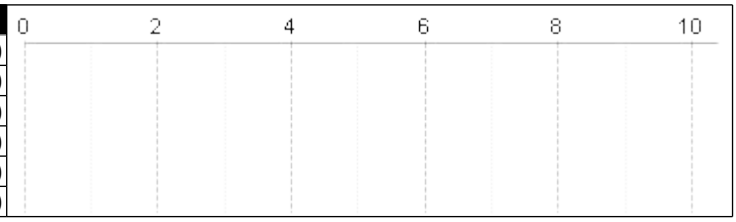
Attachment Operation Hours		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

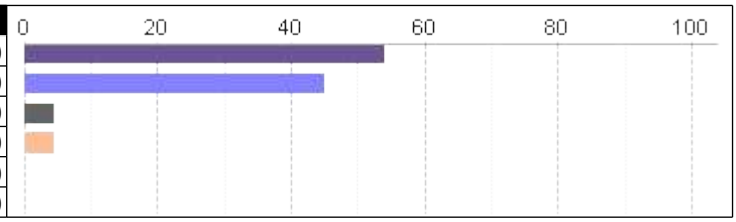
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	- hr(s)
Breaker Operation	- hr(s)
Pulverize Operation	- hr(s)
Crusher Operation	- hr(s)
Vibration Hammer Operation	- hr(s)
Other Attachment Operation	- hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

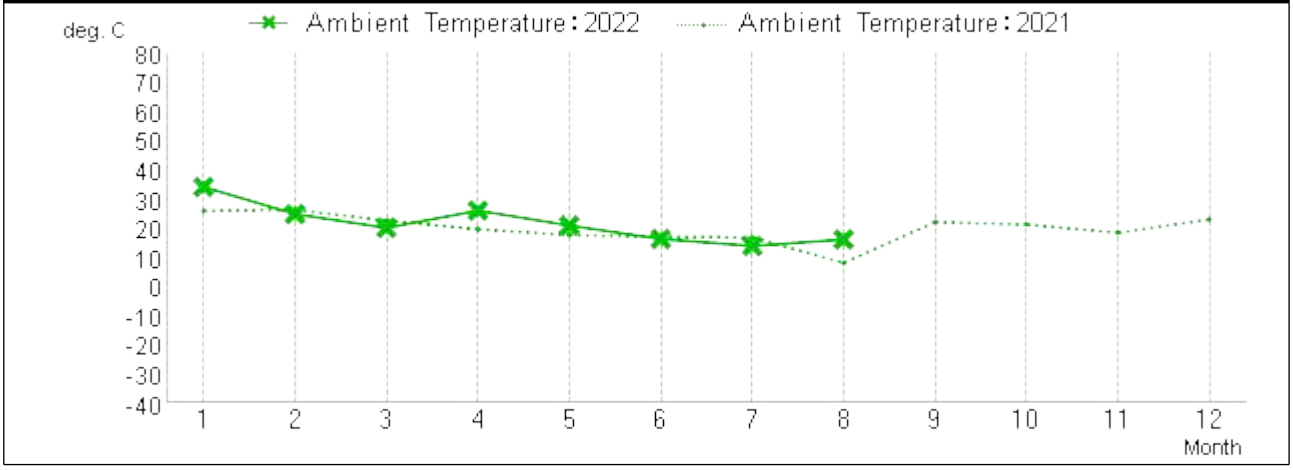
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Transition of Daily Highest Temperatures

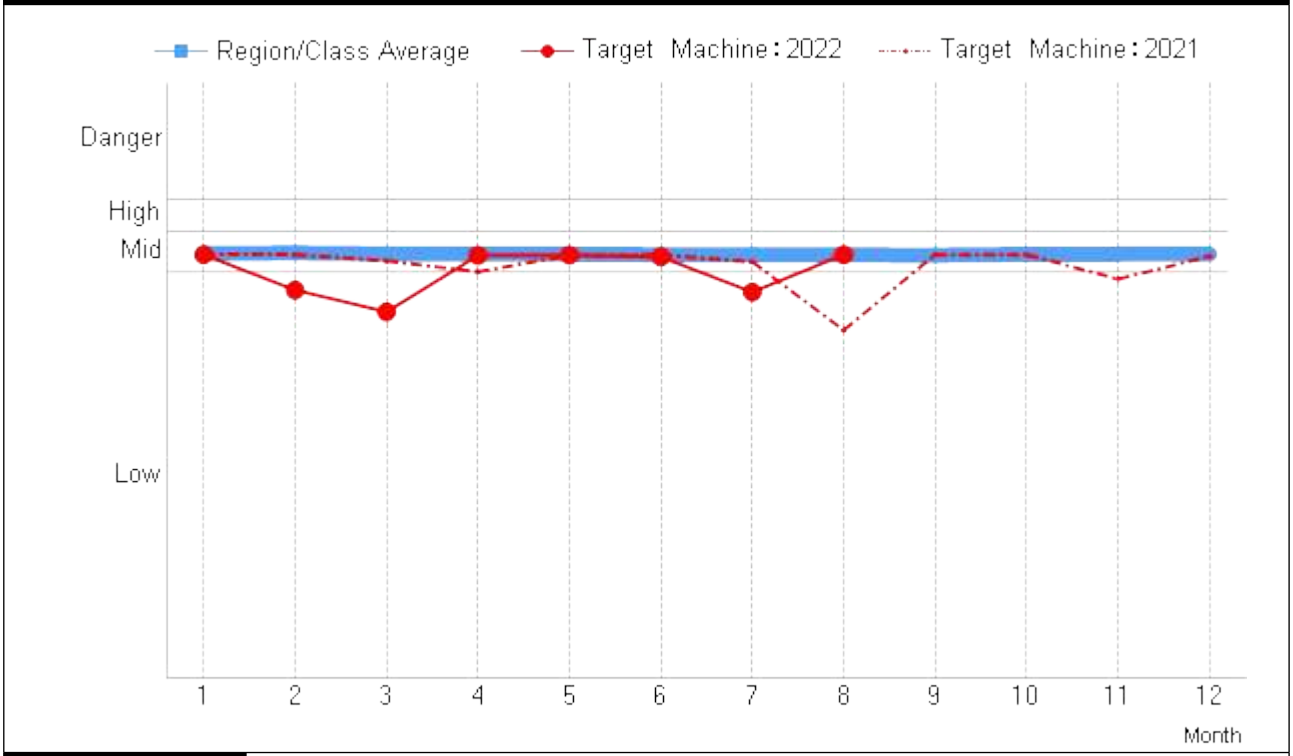
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/09/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

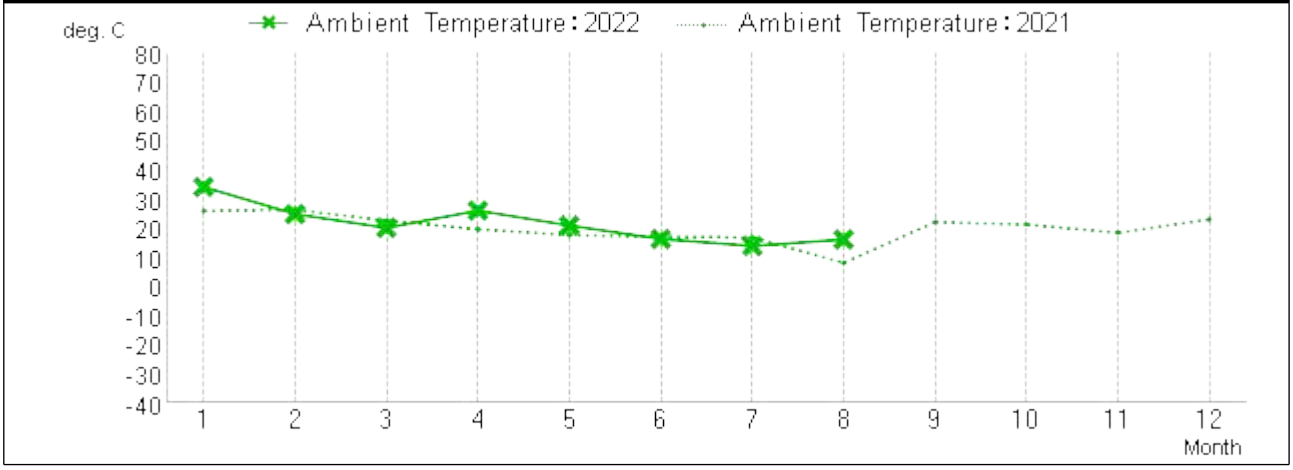
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Transition of Daily Highest Temperatures

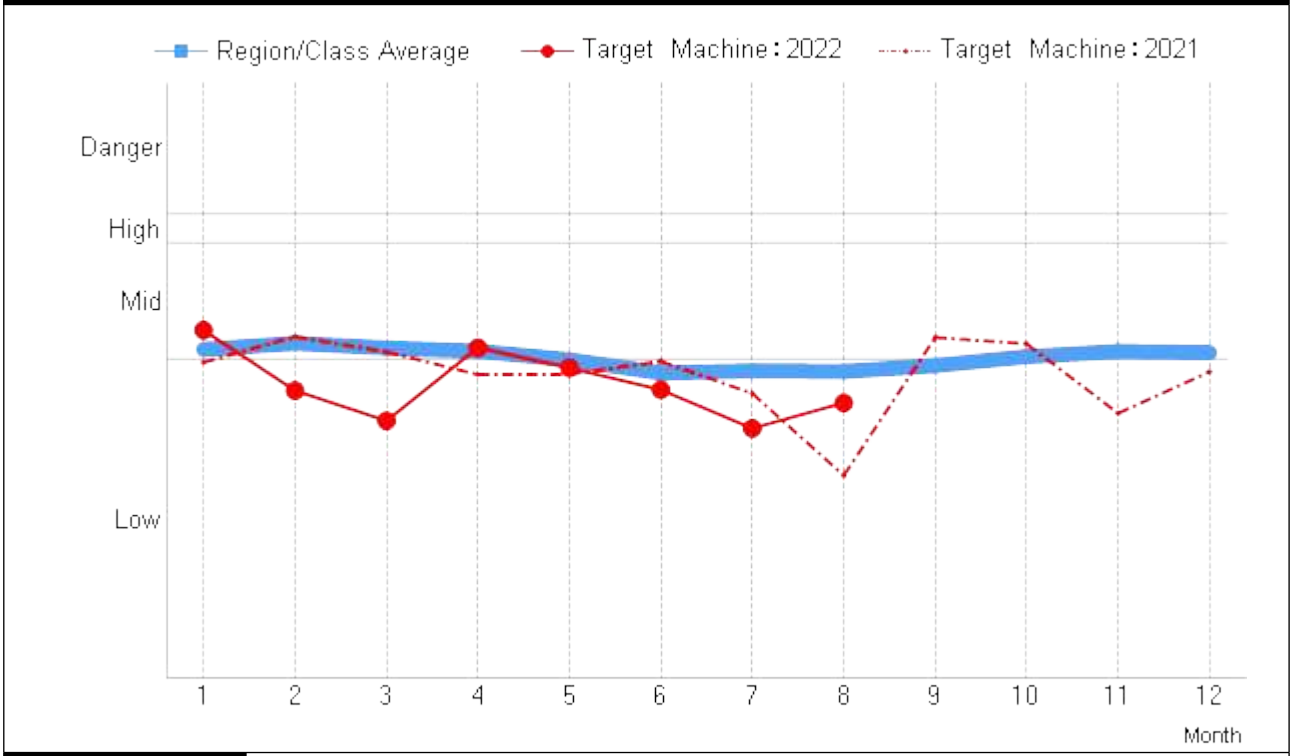
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/09/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

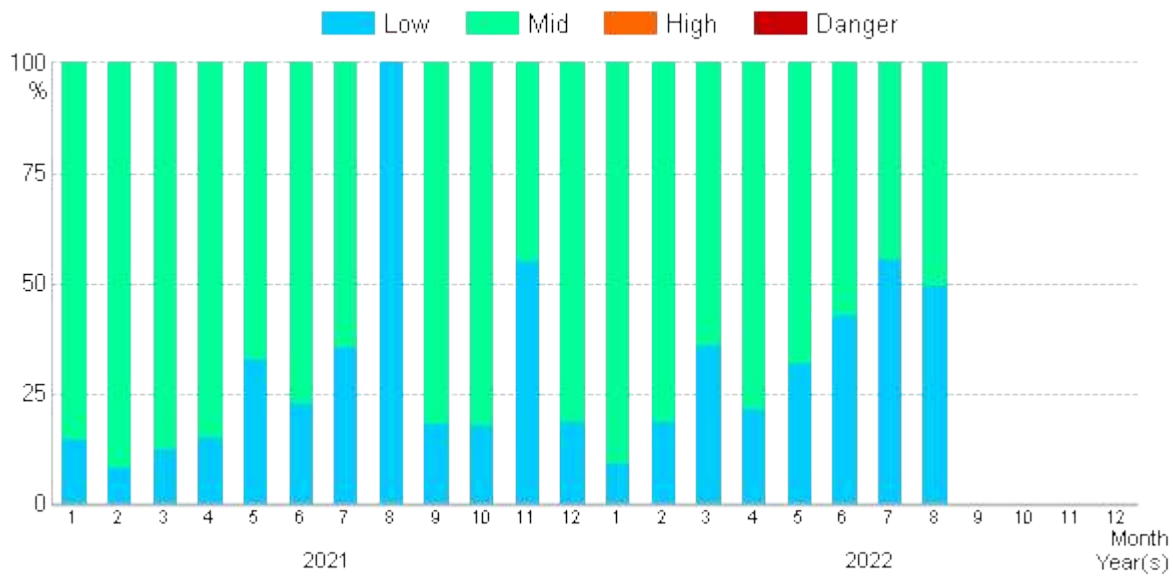
Distribution of Temperatures		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

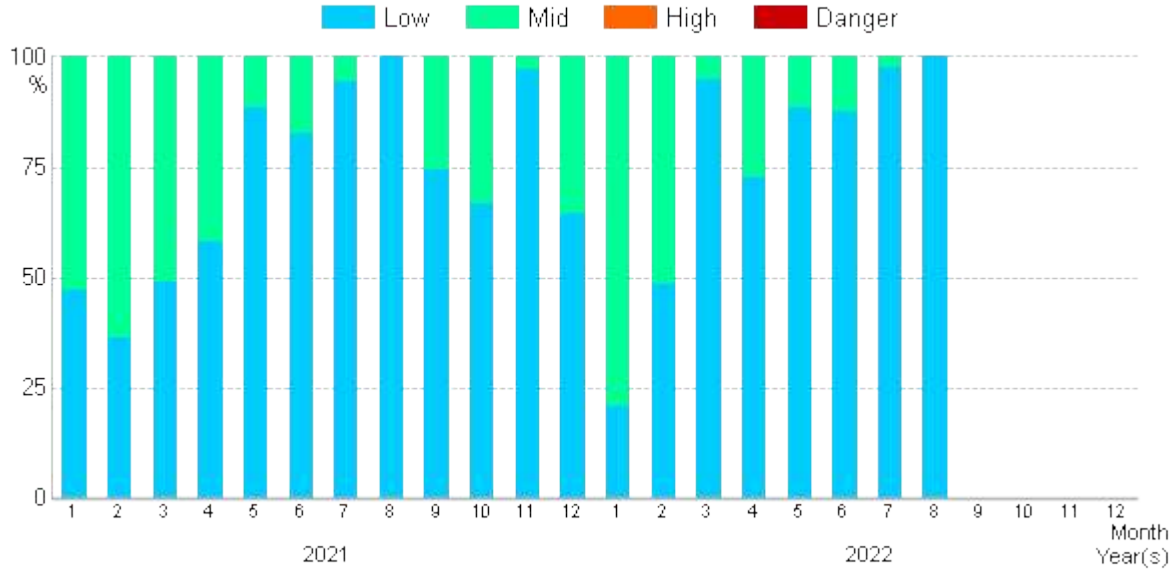
Reporting Period	01/01/2021 to 30/09/2022

Coolant Temperature Distribution Chart



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

Hydraulic Oil Temperature Distribution Chart



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

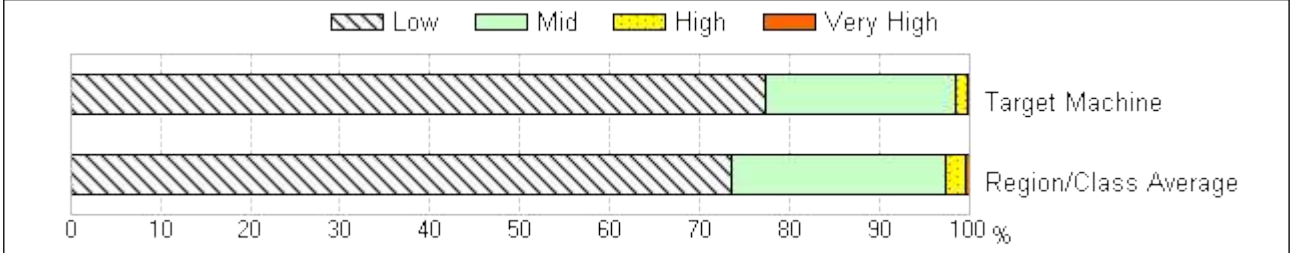
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

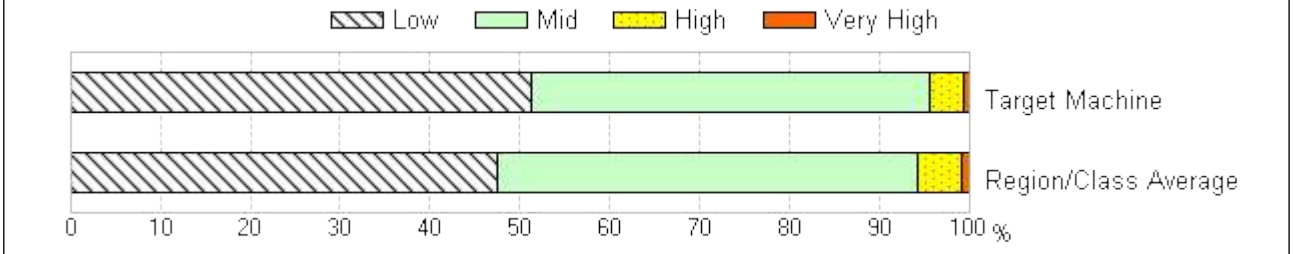
Reporting Period	3,170 hr(s) to 3,370 hr(s)

Pump Pressure



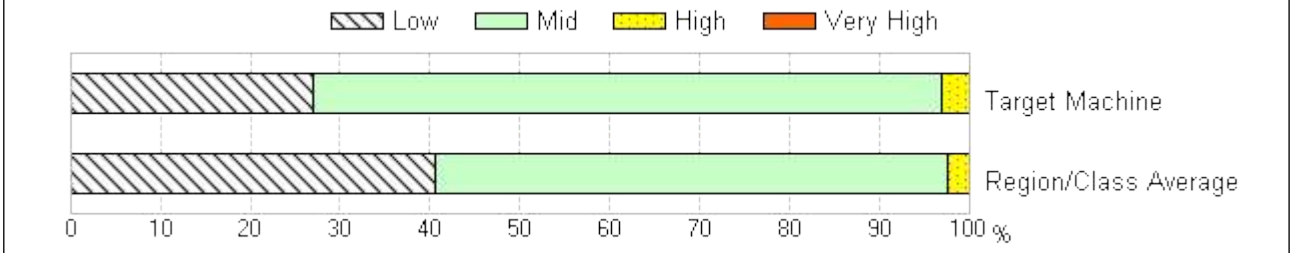
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



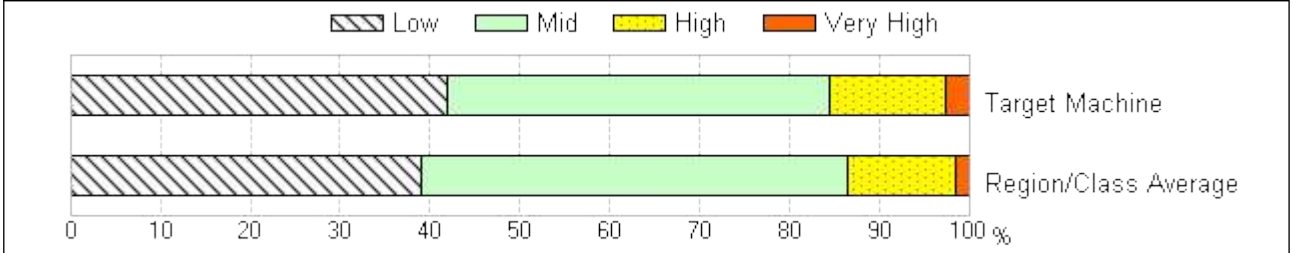
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Daily Operating Report		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	- hr(s)
Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)

Actual Operating Hours Non-Operation Hours Engine Off Time

Days	Operating Time(Hour)																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
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* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004328847-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2022 to 30/09/2022
S/N	308018	Date of Issue	08/10/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004253161-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/09/2022

Reporting Period

01/08/2022 to 31/08/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	2 Days
Machine Operating Hours	2.7 hr(s)
Fuel Consumption	30 l
Ratio of Eco Mode Usage	100 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	[A] B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	1.8 hr(s)
Non-Operation Hours	0.9 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Operating Conditions

Latest Hour Meter Reading	3,370 hr(s)	Time since Delivery	3Year(s) 8Month(s)
No. of Operating Days	2 Days	Machine Operating Hours	2.7 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	1	2	3	4	5	6
		1.2				
		12				
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
	1.5					
	18					
28	29	30	31			

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	0 %	ECO Mode	100 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	30 l	Over Preceding Month	-455 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	11.3 l/hr	Over Preceding Month	+2.1 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	77 kg	Over Preceding Month	-1,174 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	32 %(0.9 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	44 %(0.8 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is very low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

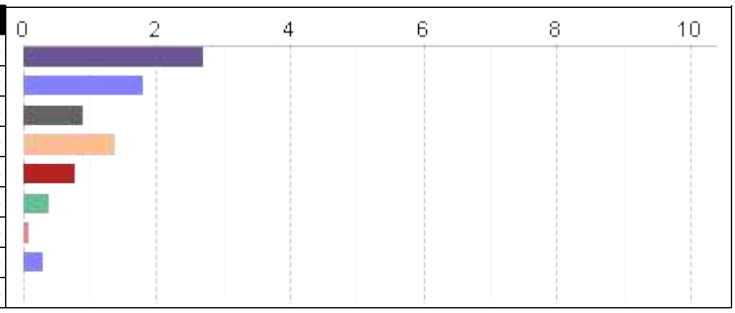
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

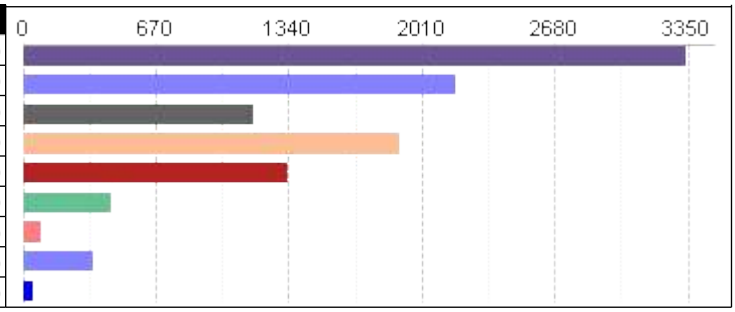
Item	Current Month
Engine Operating Hours	2.7 hr(s)
Actual Operating Hours	1.8 hr(s)
Non-Operation Hours	0.9 hr(s)
Front Operation Hours	1.4 hr(s)
Swing Operation Hours	0.8 hr(s)
Travel Operation Hours	0.4 hr(s)
Fast Speed Mode	0.1 hr(s)
Slow Speed Mode	0.3 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

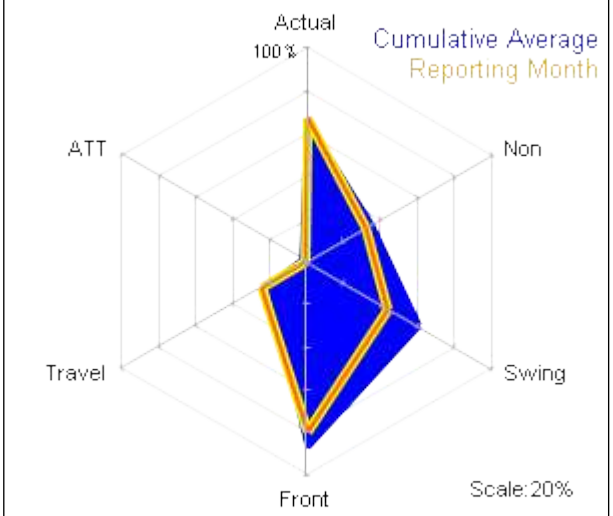
Item	Cumulative Total
Engine Operating Hours	3,340.7 hr(s)
Actual Operating Hours	2,178.2 hr(s)
Non-Operation Hours	1,162.6 hr(s)
Front Operation Hours	1,905.0 hr(s)
Swing Operation Hours	1,330.6 hr(s)
Travel Operation Hours	443.3 hr(s)
Fast Speed Mode	94.2 hr(s)
Slow Speed Mode	350.9 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

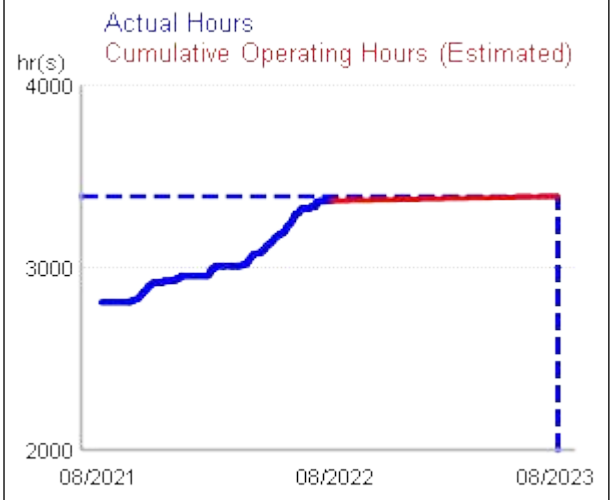
Ratio of Each Operation Hours



Comment	Swing Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,397 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
19/09/2027	30/06/2037	10/04/2047	18/01/2057

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

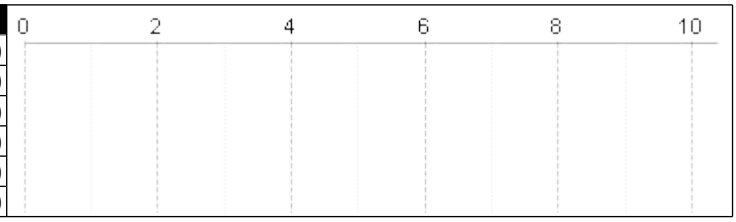
Attachment Operation Hours		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

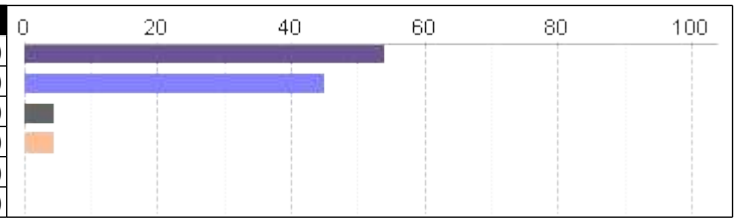
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

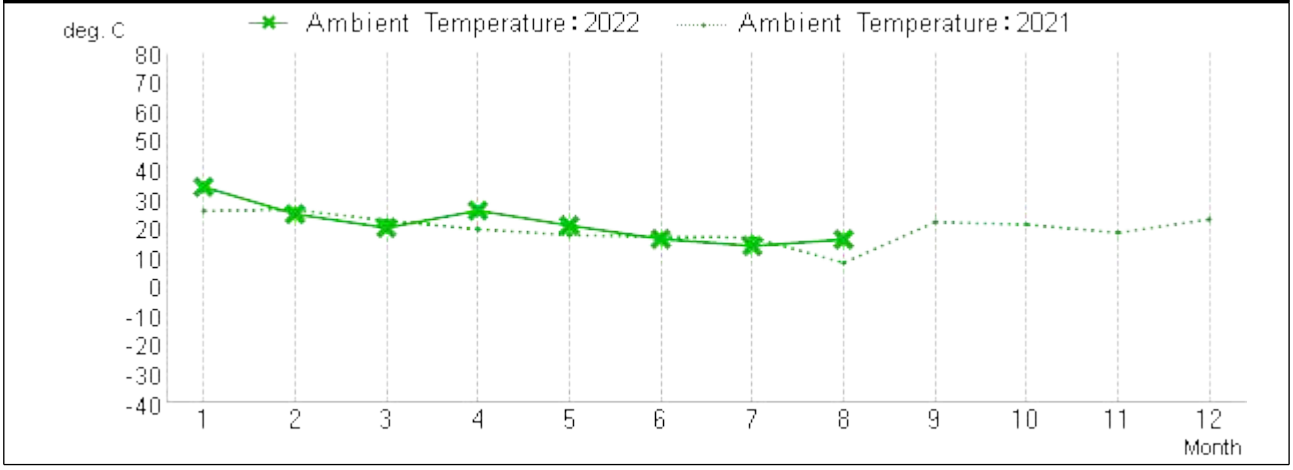
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Transition of Daily Highest Temperatures

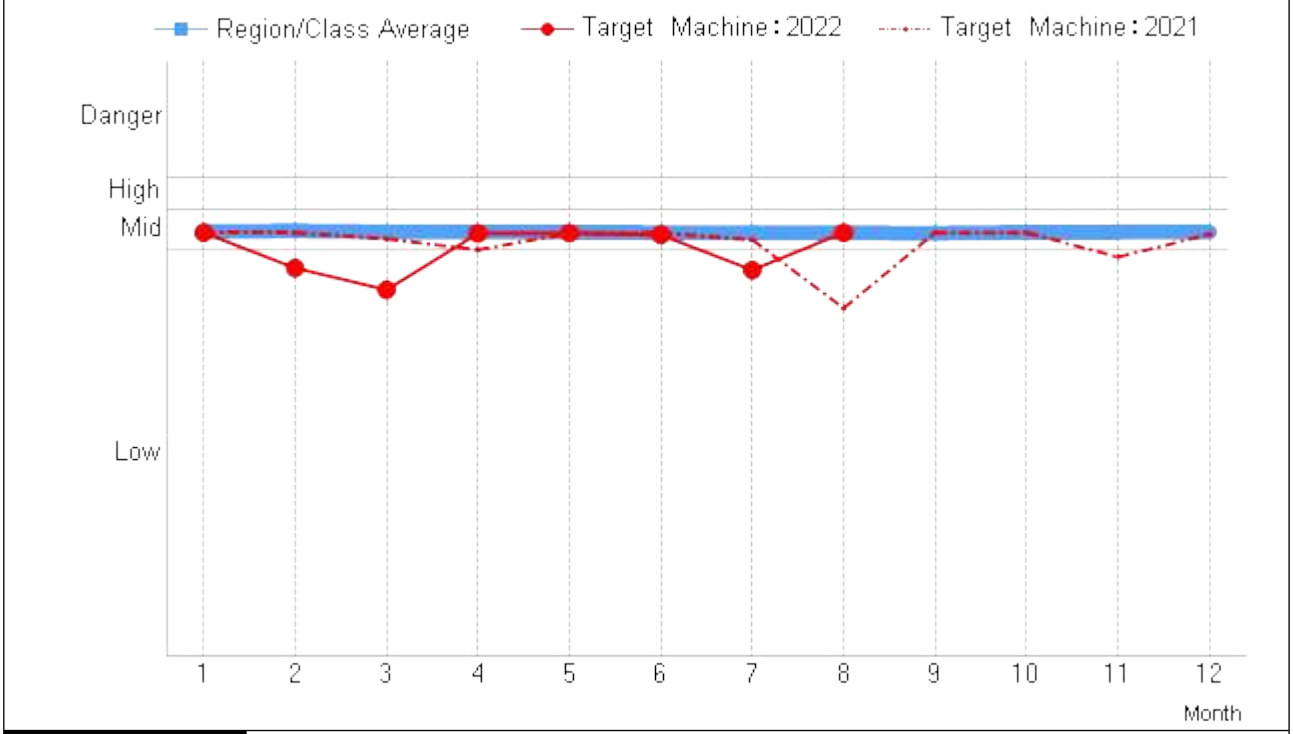
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/08/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

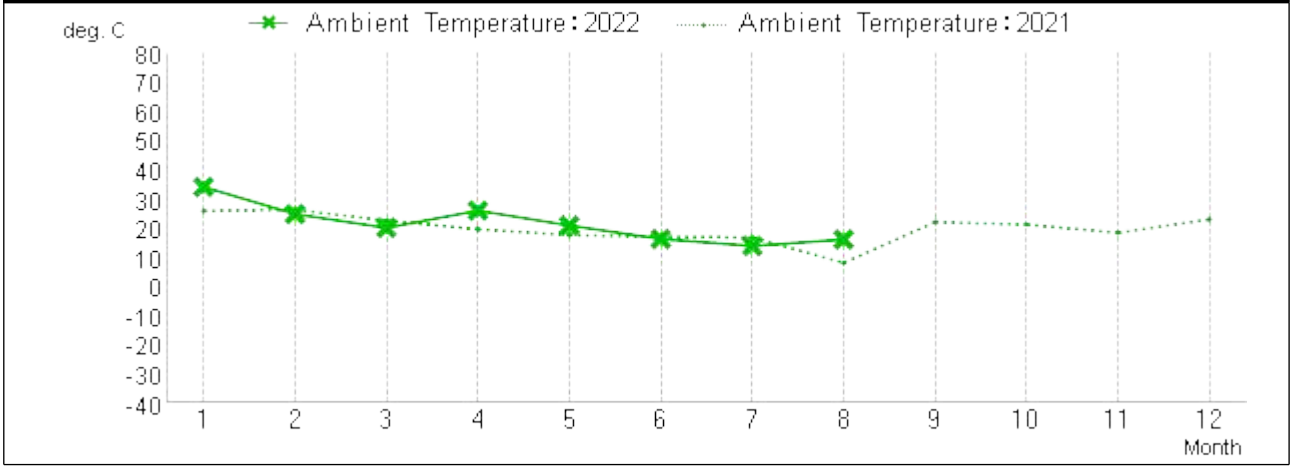
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Transition of Daily Highest Temperatures

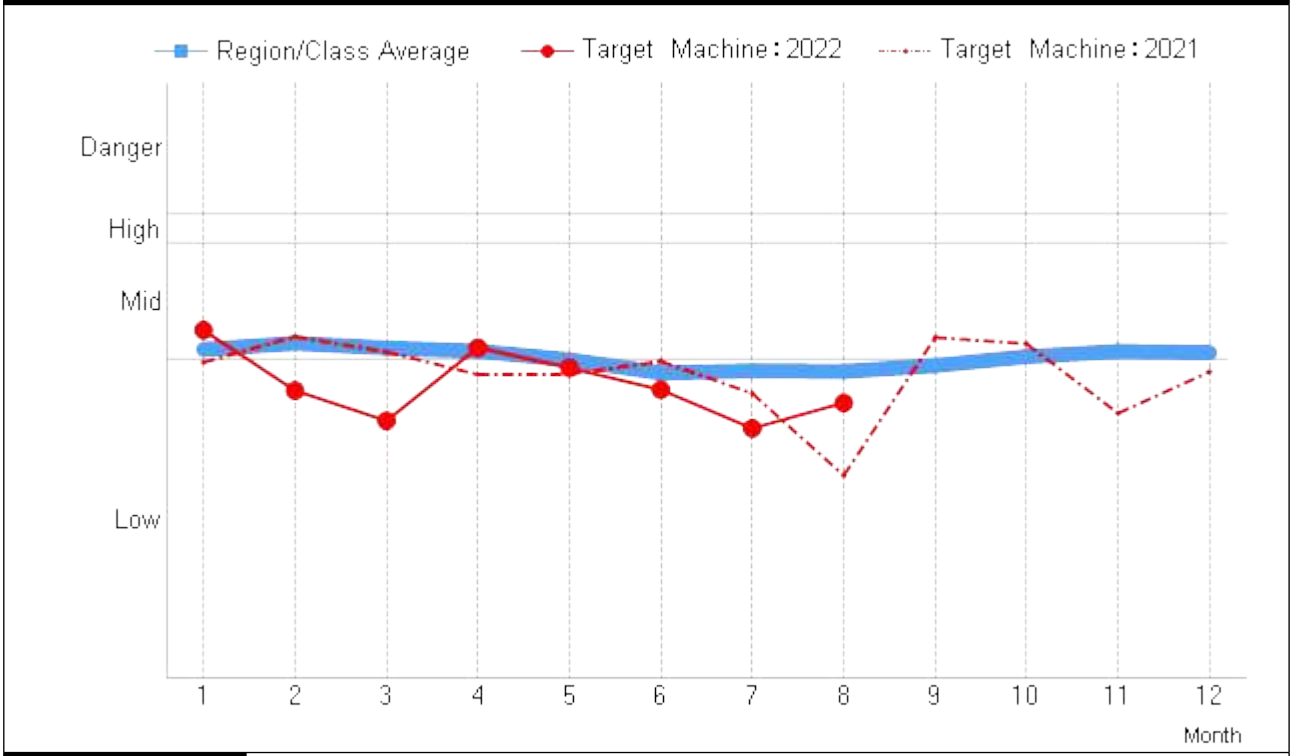
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/08/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

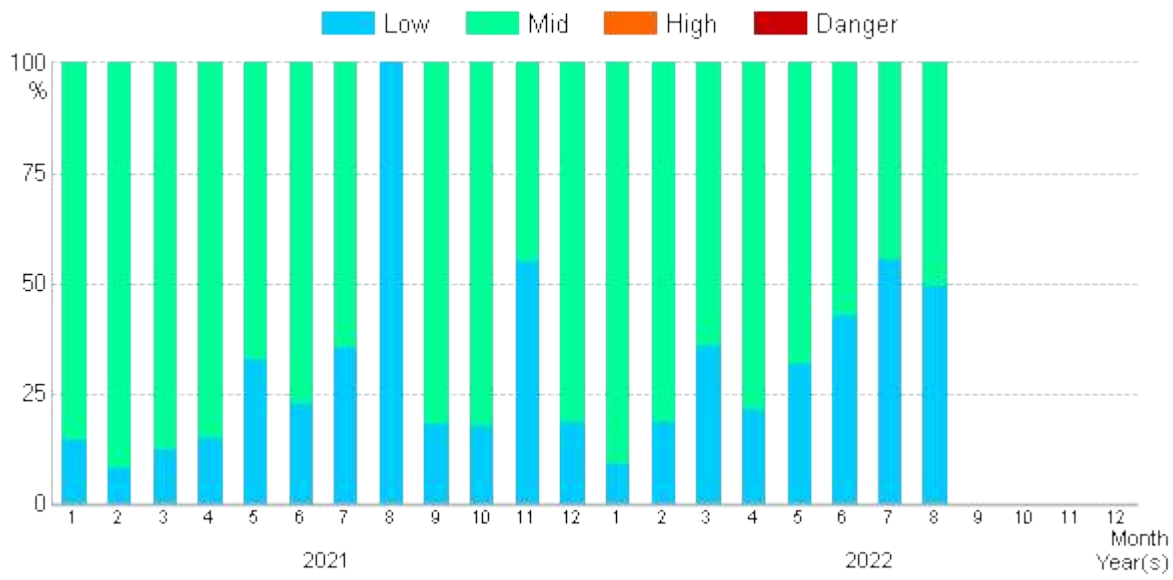
Distribution of Temperatures		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

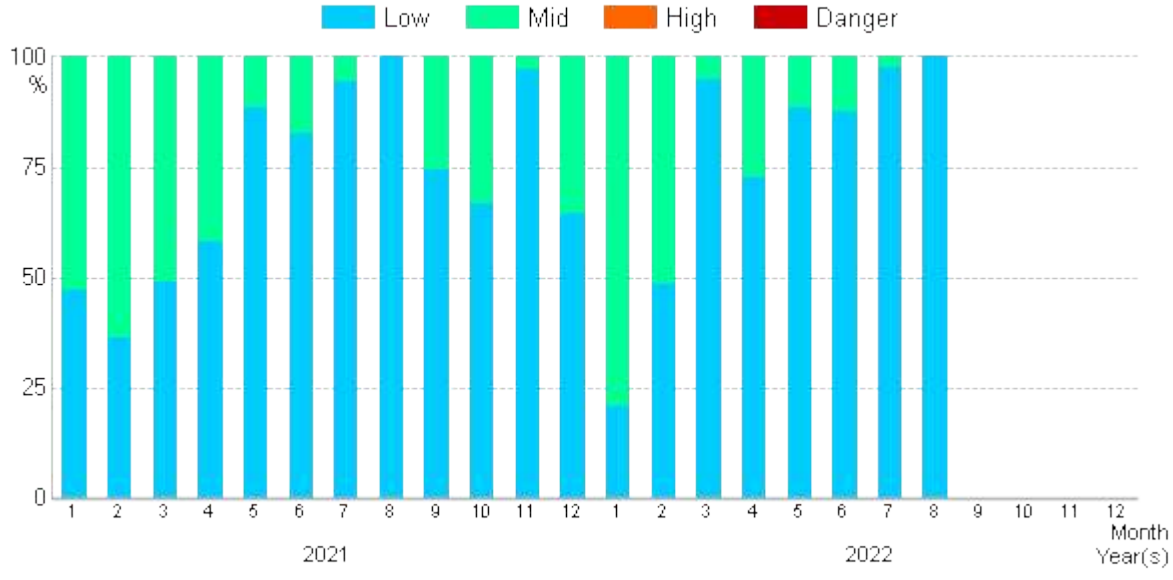
Reporting Period	01/01/2021 to 31/08/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

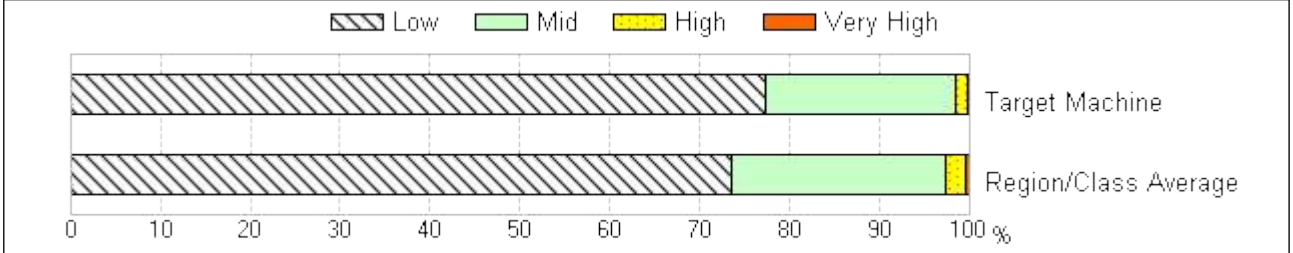
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

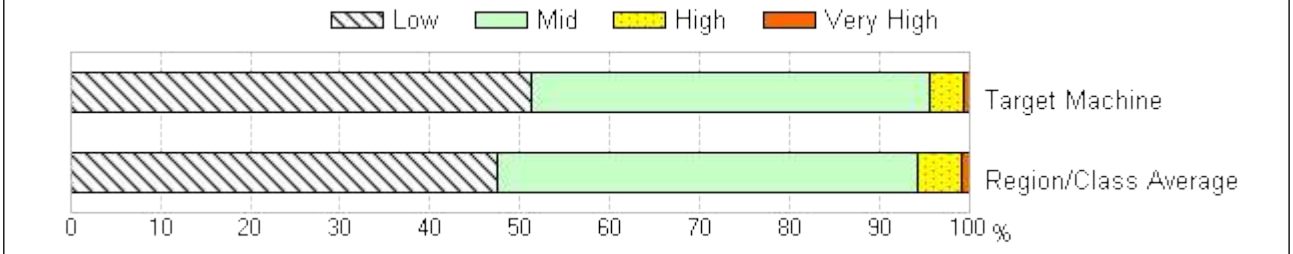
Reporting Period	3,170 hr(s) to 3,370 hr(s)

Pump Pressure



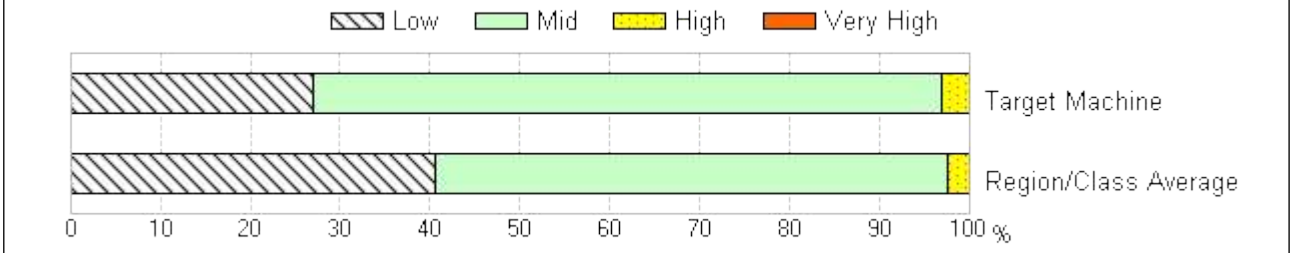
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



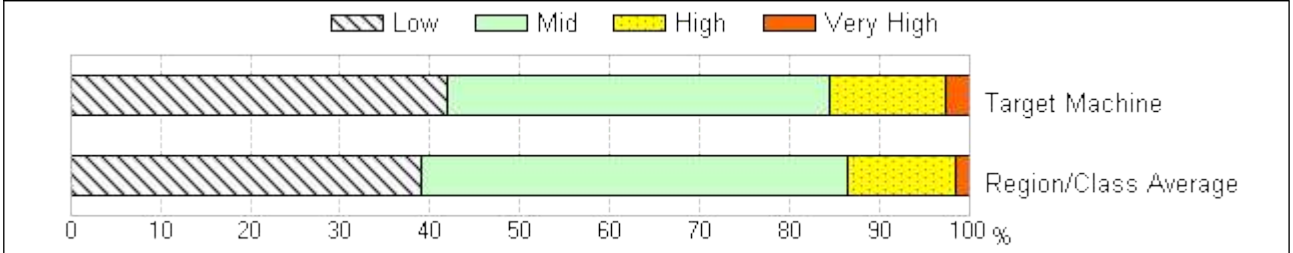
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

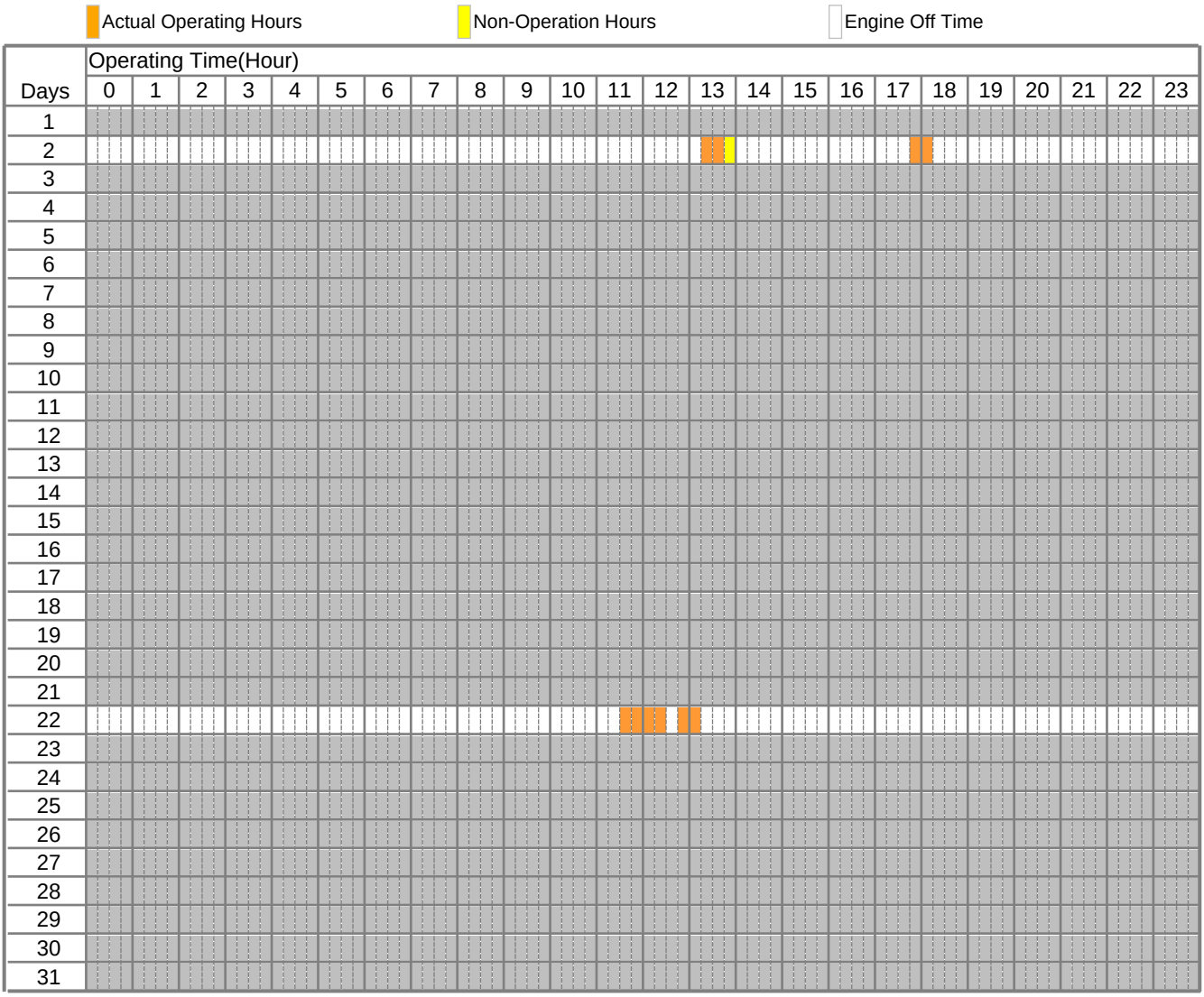
Daily Operating Report		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	2.7 hr(s)
Actual Operating Hours	1.8 hr(s)
Non-Operation Hours	0.9 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004253161-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2022 to 31/08/2022
S/N	308018	Date of Issue	08/09/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004181270-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/08/2022

Reporting Period

01/07/2022 to 31/07/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	13 Days
Machine Operating Hours	52.8 hr(s)
Fuel Consumption	485 l
Ratio of Eco Mode Usage	38 %
ECO Index (Non-Operation Ratio)	A B C [D]
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	23.0 hr(s)
Non-Operation Hours	29.7 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Operating Conditions

Latest Hour Meter Reading	3,368 hr(s)	Time since Delivery	3Year(s) 7Month(s)
No. of Operating Days	13 Days	Machine Operating Hours	52.8 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
					1	2
					7.4	1.1
					57	9
3	4	5	6	7	8	9
4.2	2.6					
18	13					
10	11	12	13	14	15	16
		0.2				0.1
		2				3
17	18	19	20	21	22	23
	7.0	0.0	0.0			
	85	1	0			
24	25	26	27	28	29	30
		0.6	16.9	9.0		
		1	154	96		
31						
3.6						
48						

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	62 %	ECO Mode	38 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	485 l	Over Preceding Month	-857 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	9.2 l/hr	Over Preceding Month	-2.4 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	1,251 kg	Over Preceding Month	-2,210 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	56 %(29.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is very high. Fuel consumption can be reduced a lot by stopping the engine during waiting time or short rest. Also, there is a possibility that a mechanical or electrical problem might have contributed to the high non-operation hours.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	58 %(13.5 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

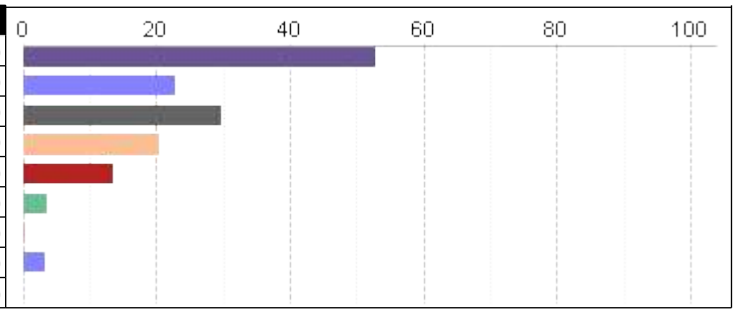
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

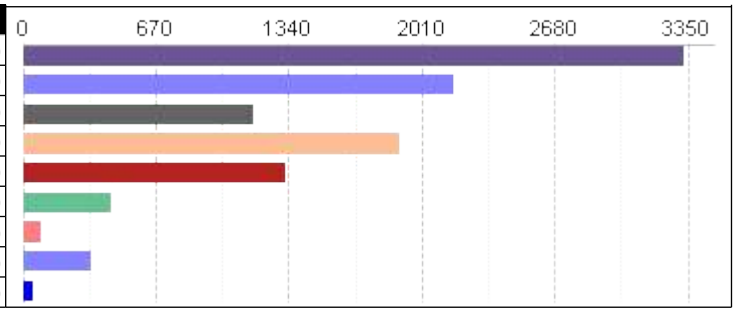
Item	Current Month
Engine Operating Hours	52.8 hr(s)
Actual Operating Hours	23.0 hr(s)
Non-Operation Hours	29.7 hr(s)
Front Operation Hours	20.5 hr(s)
Swing Operation Hours	13.5 hr(s)
Travel Operation Hours	3.7 hr(s)
Fast Speed Mode	0.2 hr(s)
Slow Speed Mode	3.4 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

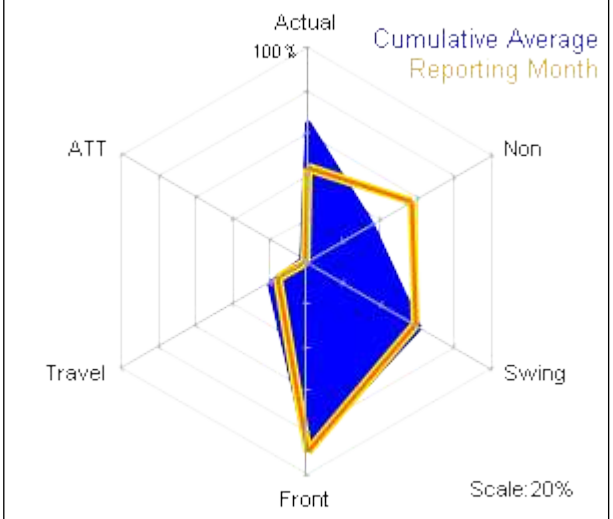
Item	Cumulative Total
Engine Operating Hours	3,338.1 hr(s)
Actual Operating Hours	2,176.4 hr(s)
Non-Operation Hours	1,161.7 hr(s)
Front Operation Hours	1,903.6 hr(s)
Swing Operation Hours	1,329.8 hr(s)
Travel Operation Hours	442.9 hr(s)
Fast Speed Mode	94.1 hr(s)
Slow Speed Mode	350.6 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

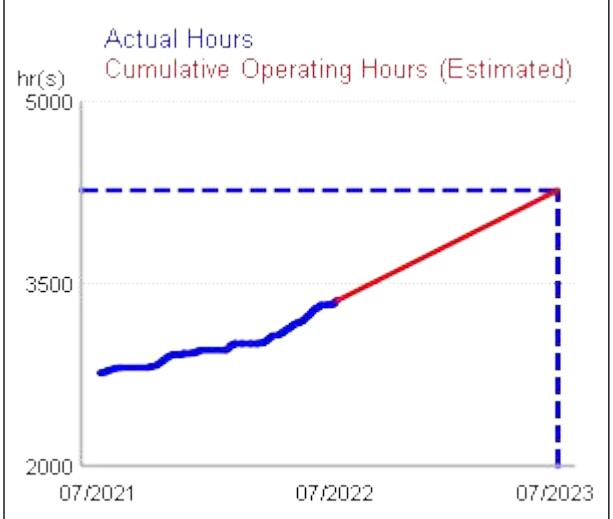
Ratio of Each Operation Hours



Comment	Non Operation Hours in this month is higher than Cumulative operating average. Actual Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,275 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
23/09/2022	02/01/2023	13/04/2023	22/07/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

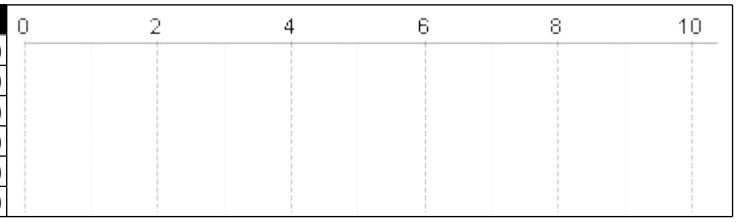
Attachment Operation Hours		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

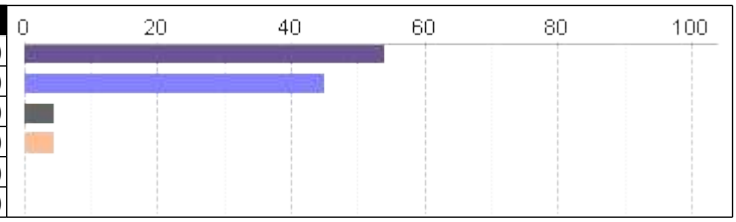
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

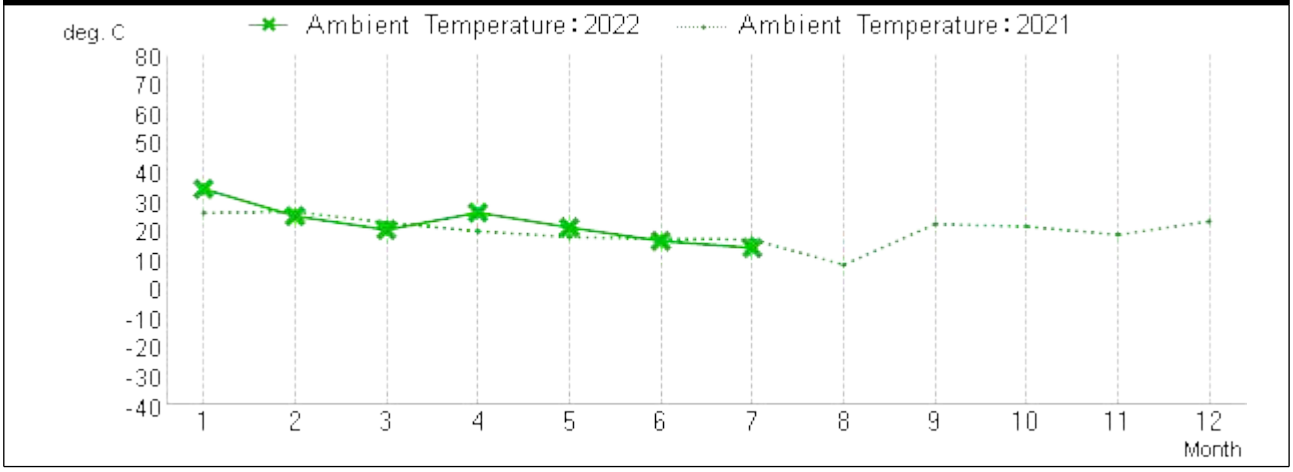
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Transition of Daily Highest Temperatures

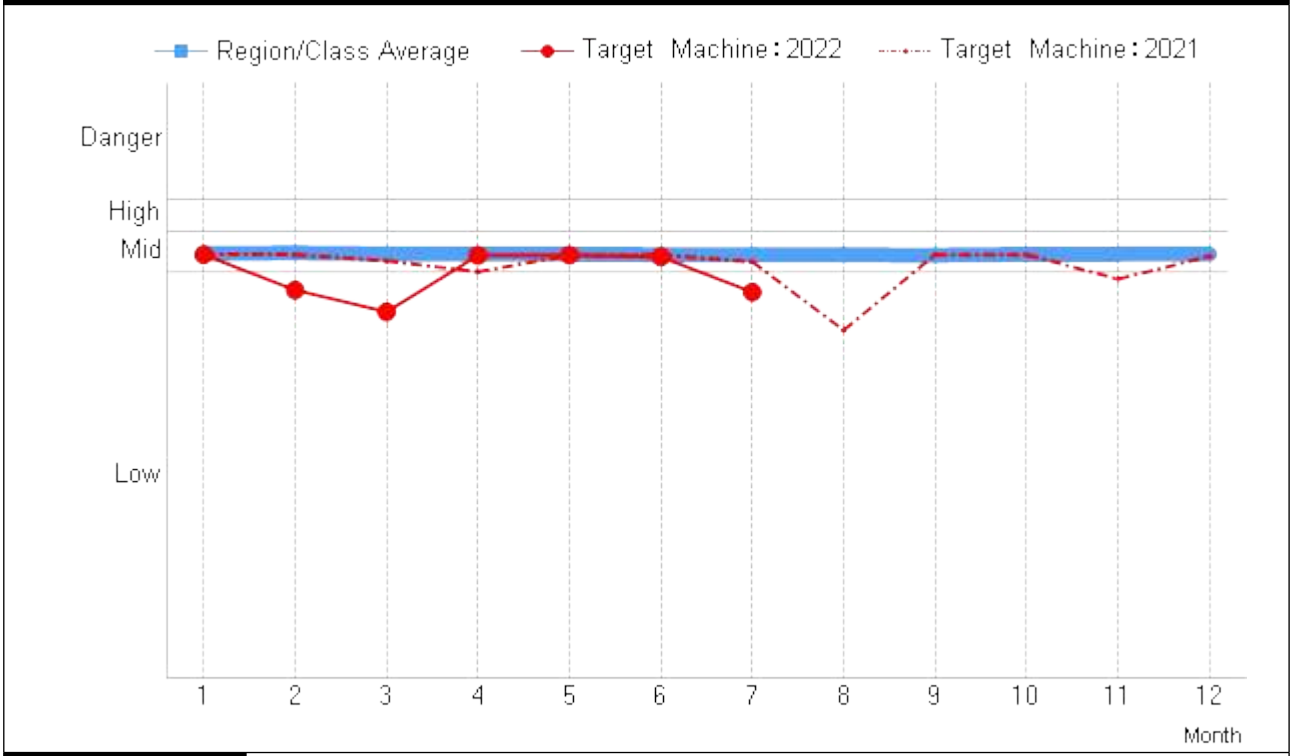
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/07/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

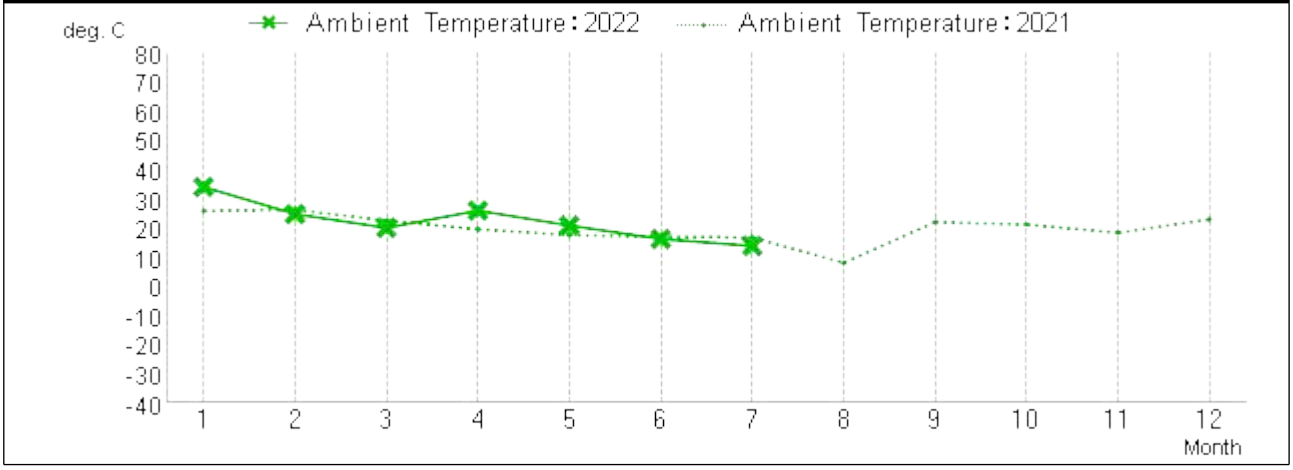
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Transition of Daily Highest Temperatures

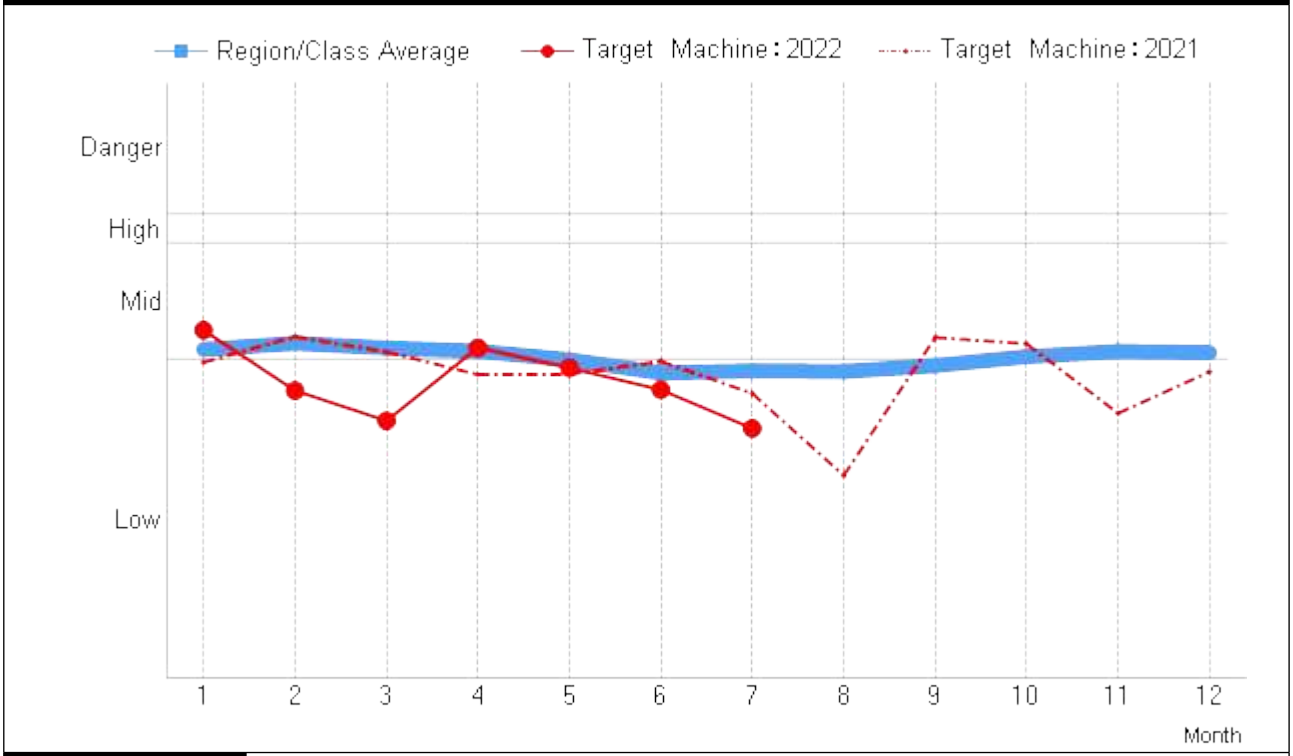
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/07/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

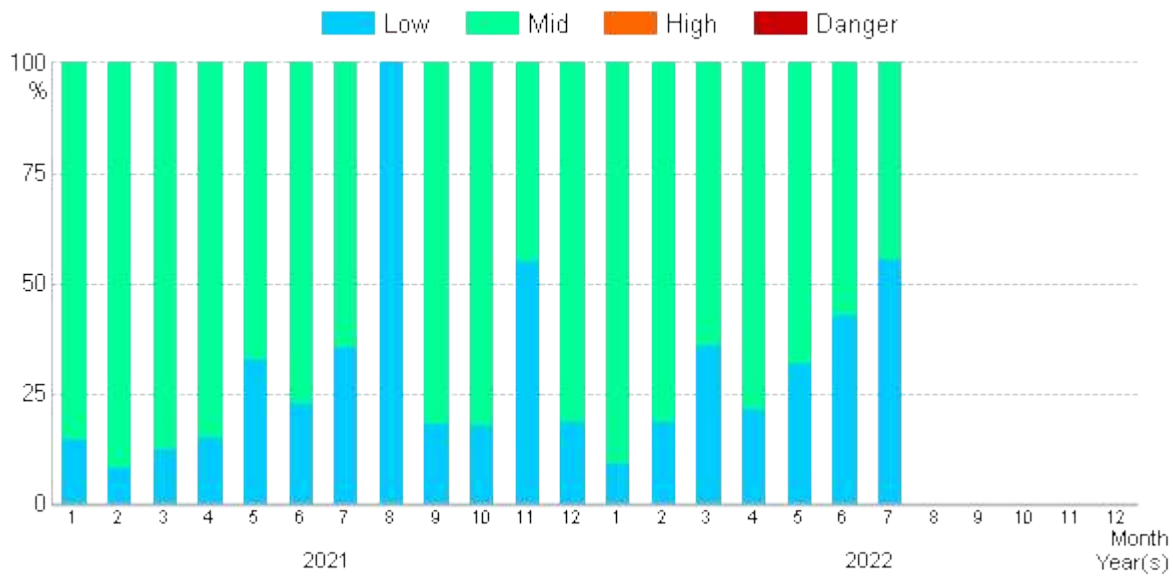
Distribution of Temperatures		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

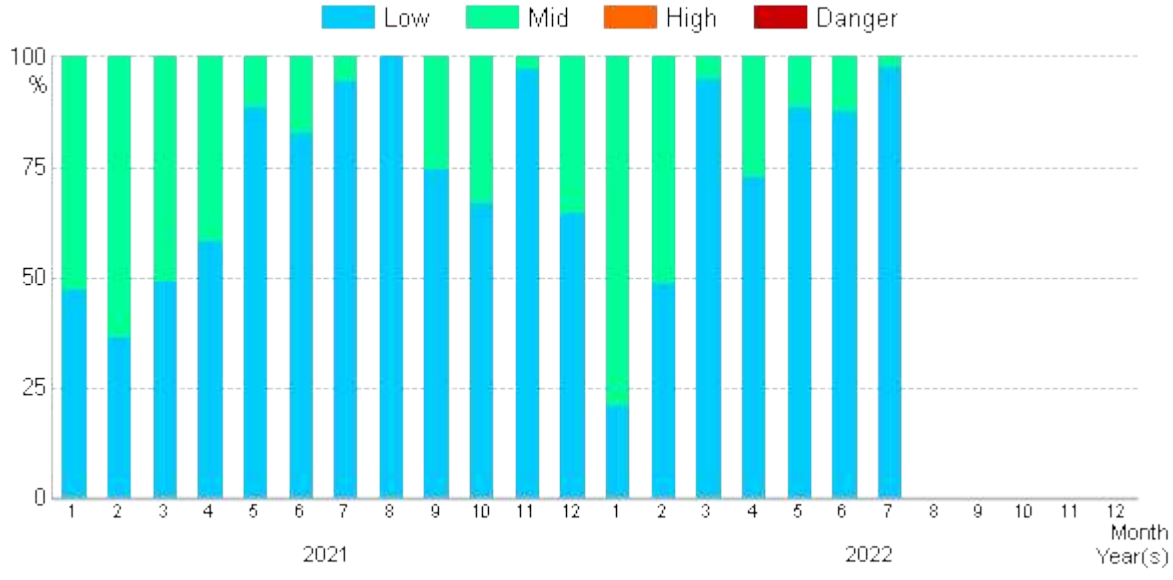
Reporting Period	01/01/2021 to 31/07/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

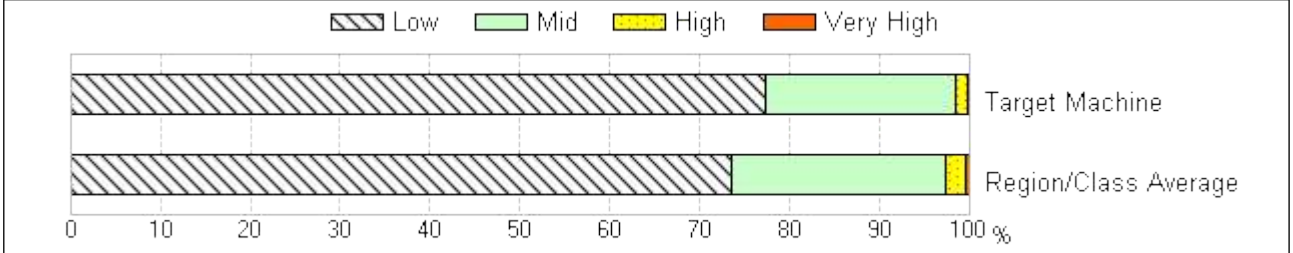
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

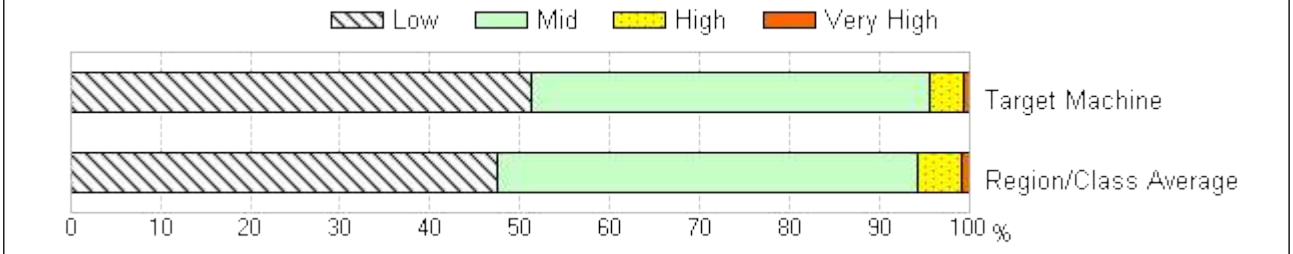
Reporting Period	3,168 hr(s) to 3,368 hr(s)

Pump Pressure



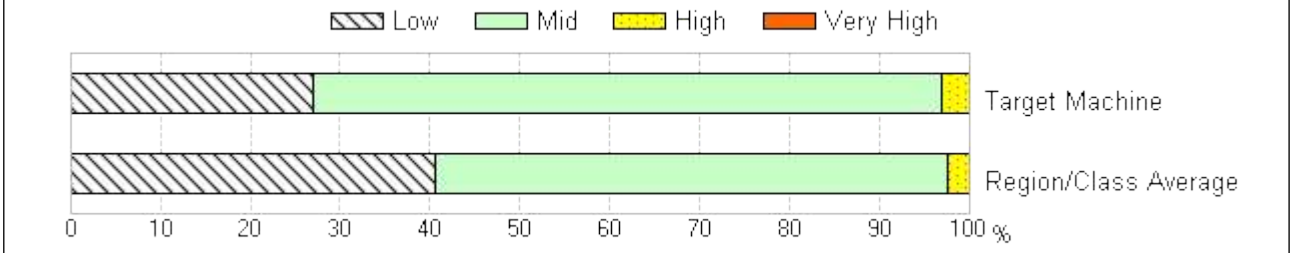
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



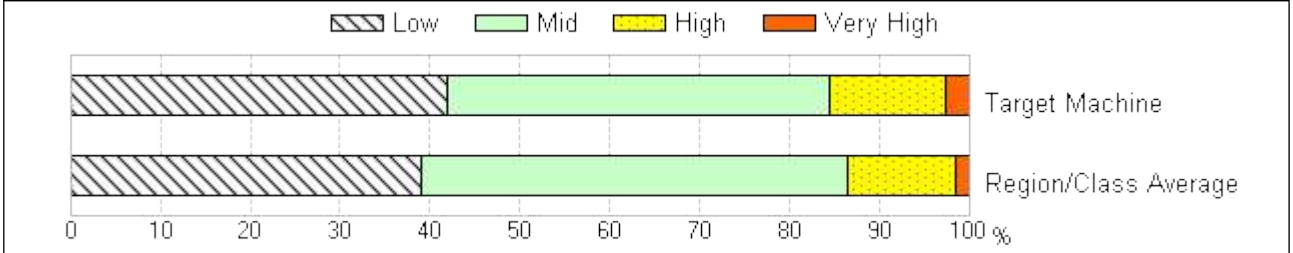
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

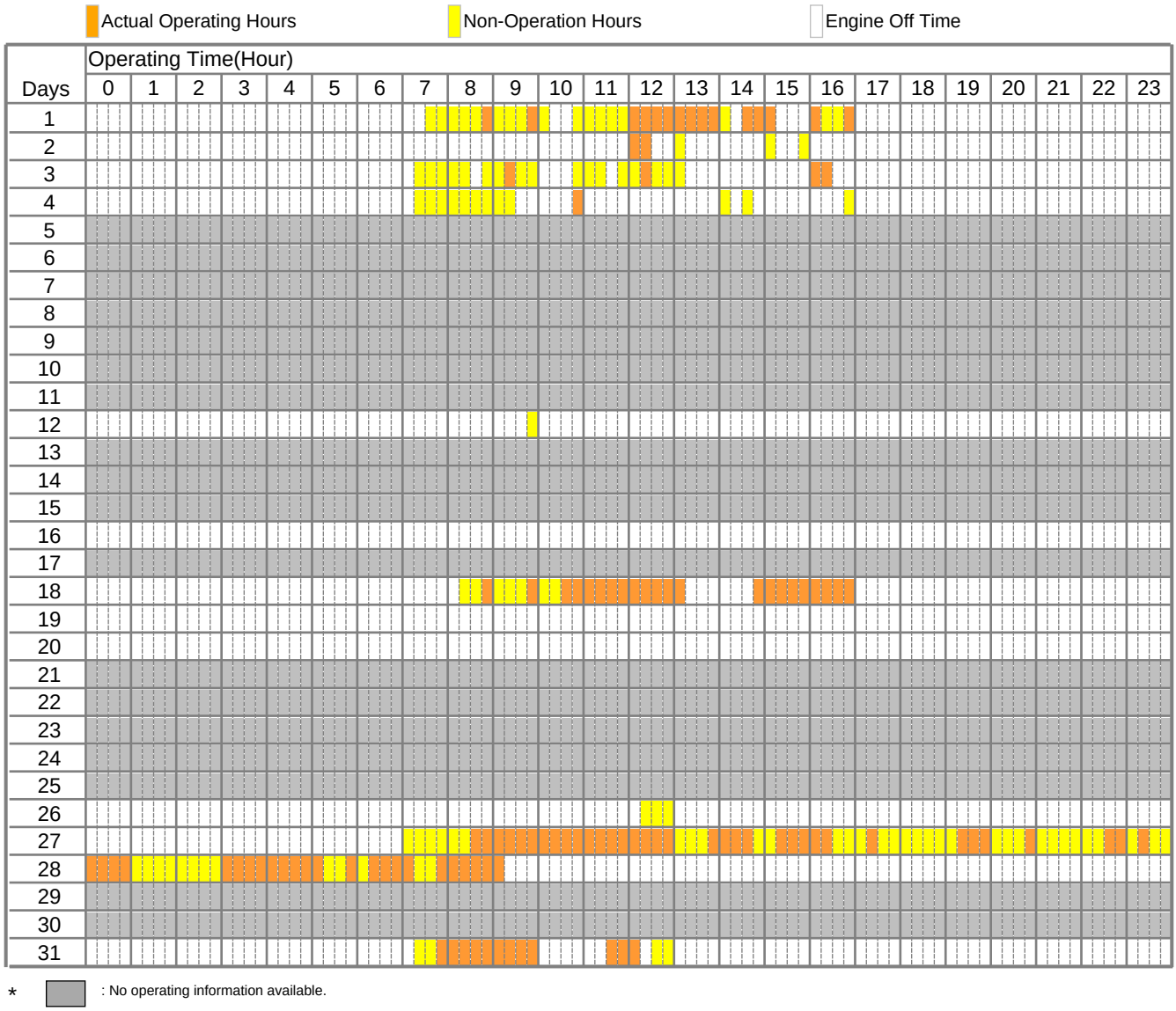
Daily Operating Report		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	52.8 hr(s)
Actual Operating Hours	23.0 hr(s)
Non-Operation Hours	29.7 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004181270-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2022 to 31/07/2022
S/N	308018	Date of Issue	08/08/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004110130-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/07/2022

Reporting Period

01/06/2022 to 30/06/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	21 Days
Machine Operating Hours	116.2 hr(s)
Fuel Consumption	1,342 l
Ratio of Eco Mode Usage	23 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	63.2 hr(s)
Non-Operation Hours	53.0 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Operating Conditions

Latest Hour Meter Reading	3,315 hr(s)	Time since Delivery	3Year(s) 6Month(s)
No. of Operating Days	21 Days	Machine Operating Hours	116.2 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1	2	3	4
			0.6	1.8	0.7	
			4	12	2	
5	6	7	8	9	10	11
	10.3	7.9	9.1	5.7	4.8	
	153	137	139	88	54	
12	13	14	15	16	17	18
		3.3	6.9	5.4	7.4	2.3
		32	63	63	89	21
19	20	21	22	23	24	25
7.6	8.1	7.5	8.5	2.4		
75	88	92	95	24		
26	27	28	29	30		
		5.1	8.0	3.0		
		38	58	19		

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	77 %	ECO Mode	23 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,342 l	Over Preceding Month	+247 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	11.5 l/hr	Over Preceding Month	0.0 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	3,461 kg	Over Preceding Month	+637 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	45 %(53.0 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	62 %(39.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

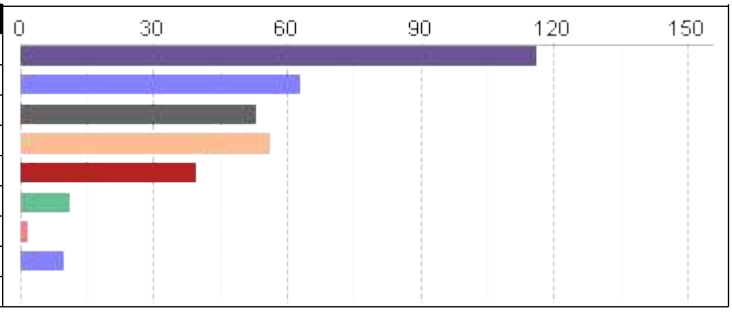
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

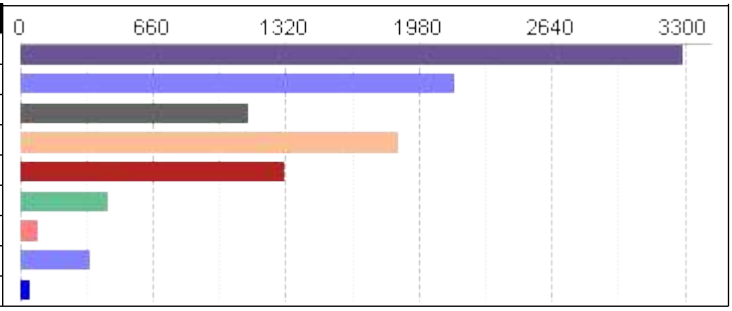
Item	Current Month
Engine Operating Hours	116.2 hr(s)
Actual Operating Hours	63.2 hr(s)
Non-Operation Hours	53.0 hr(s)
Front Operation Hours	56.3 hr(s)
Swing Operation Hours	39.7 hr(s)
Travel Operation Hours	11.5 hr(s)
Fast Speed Mode	1.7 hr(s)
Slow Speed Mode	9.9 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

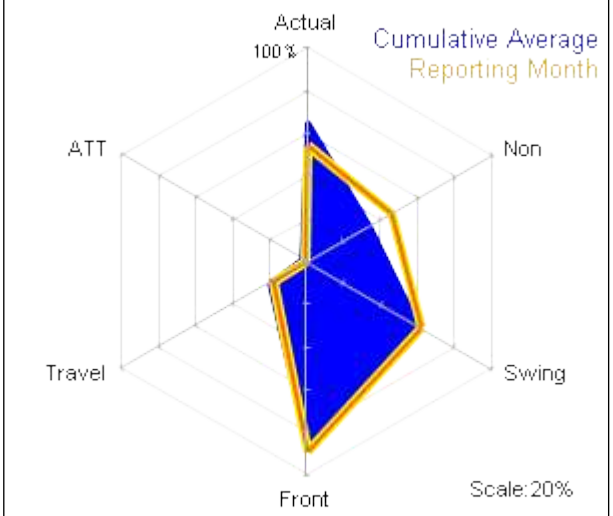
Item	Cumulative Total
Engine Operating Hours	3,293.8 hr(s)
Actual Operating Hours	2,156.5 hr(s)
Non-Operation Hours	1,137.4 hr(s)
Front Operation Hours	1,885.9 hr(s)
Swing Operation Hours	1,317.8 hr(s)
Travel Operation Hours	439.2 hr(s)
Fast Speed Mode	93.9 hr(s)
Slow Speed Mode	347.4 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

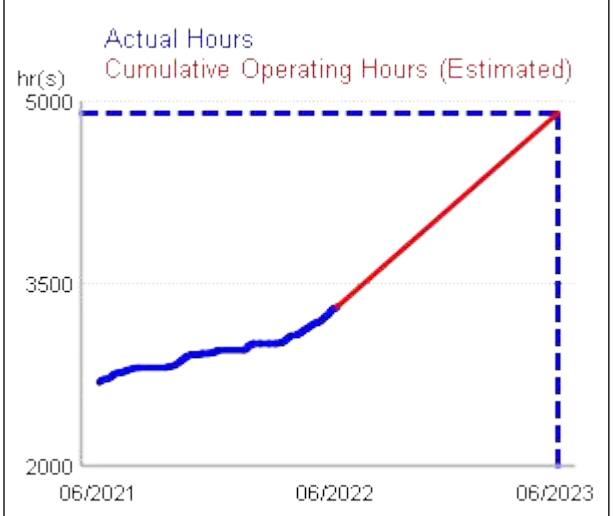
Ratio of Each Operation Hours



Comment	Non Operation Hours in this month is higher than Cumulative operating average. Actual Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,910 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,500 hr(s)	3,750 hr(s)	4,000 hr(s)	4,250 hr(s)
12/08/2022	08/10/2022	05/12/2022	31/01/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

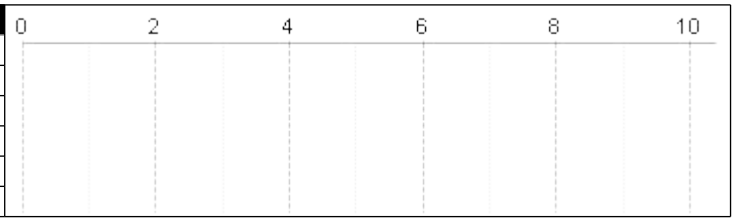
Attachment Operation Hours		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

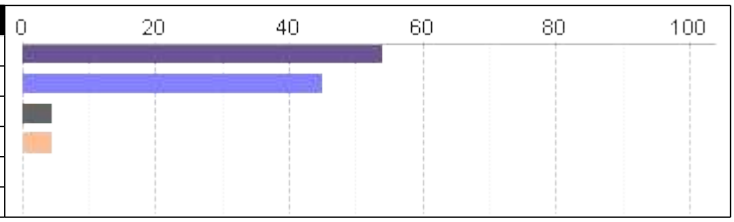
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

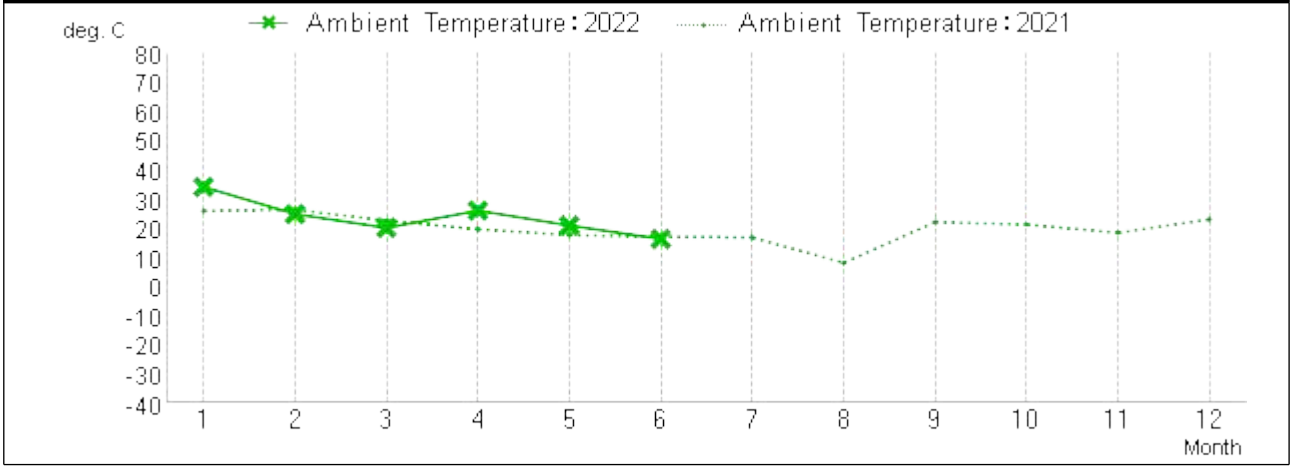
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Transition of Daily Highest Temperatures

The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/06/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures

Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

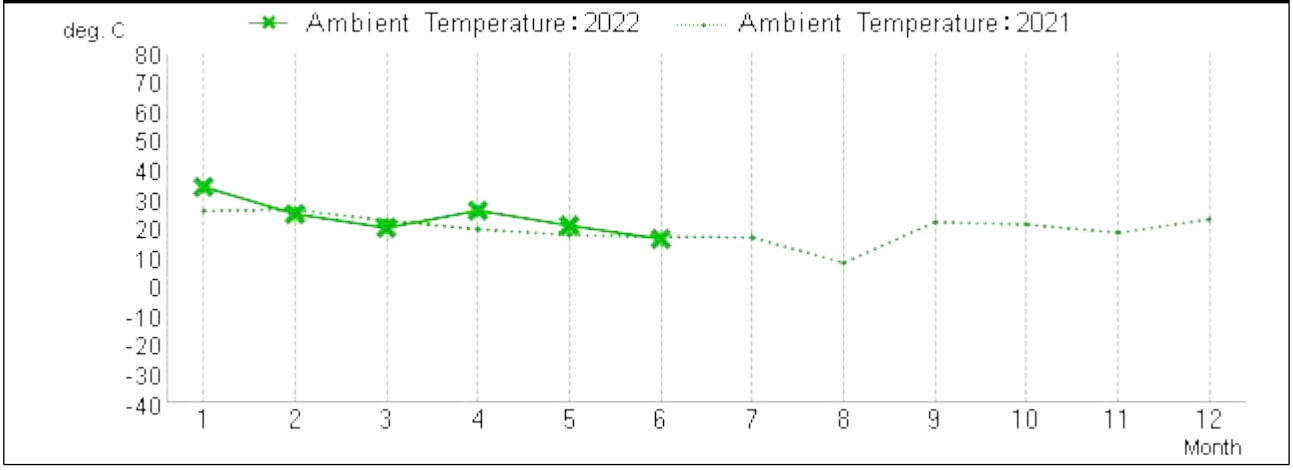
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Transition of Daily Highest Temperatures

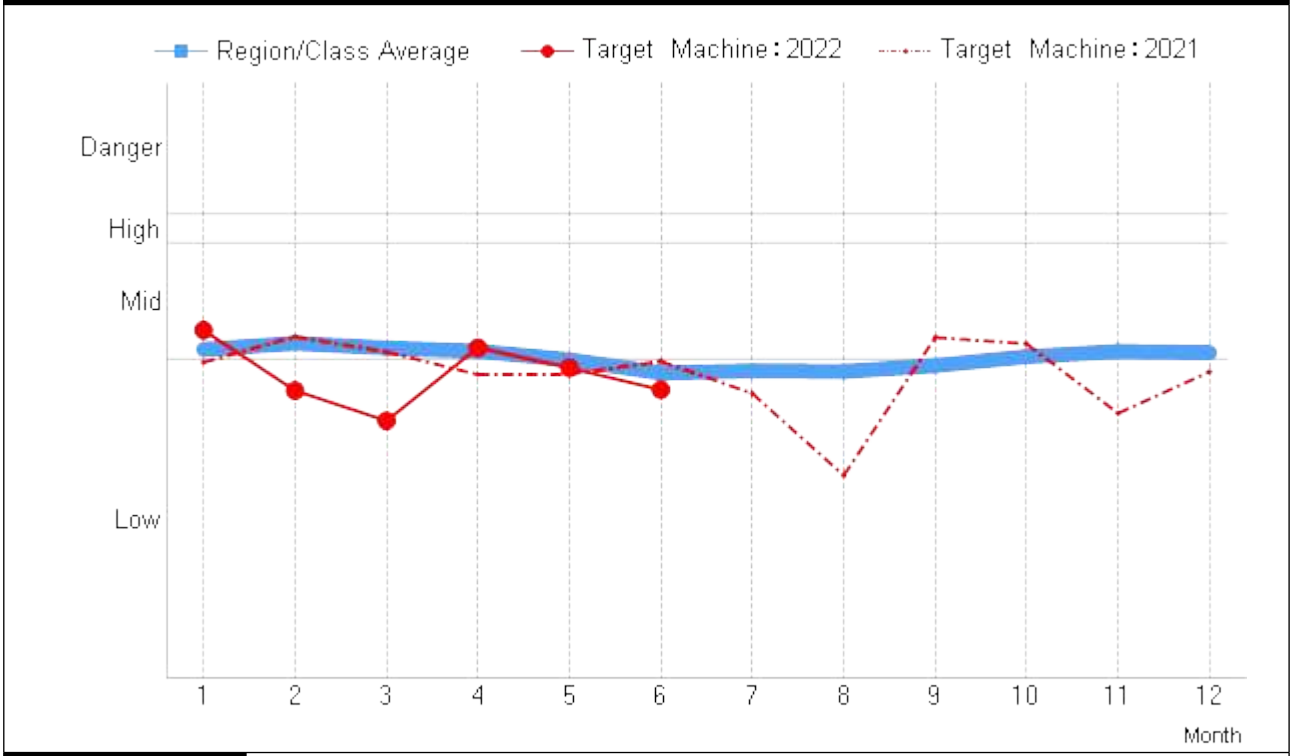
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/06/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

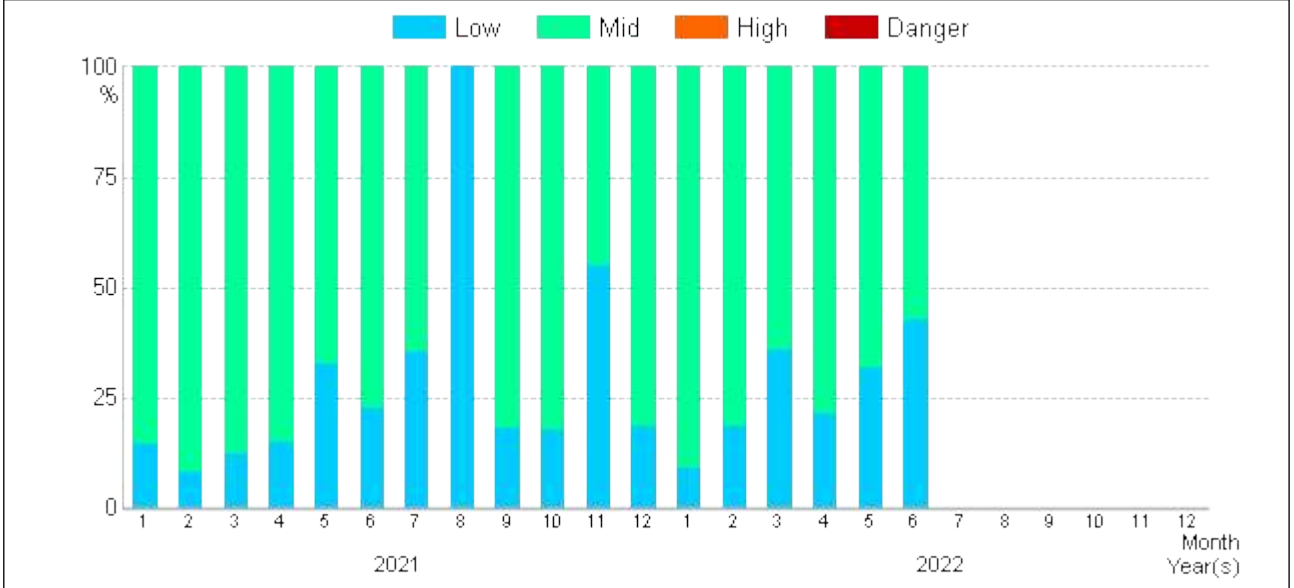
Distribution of Temperatures		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

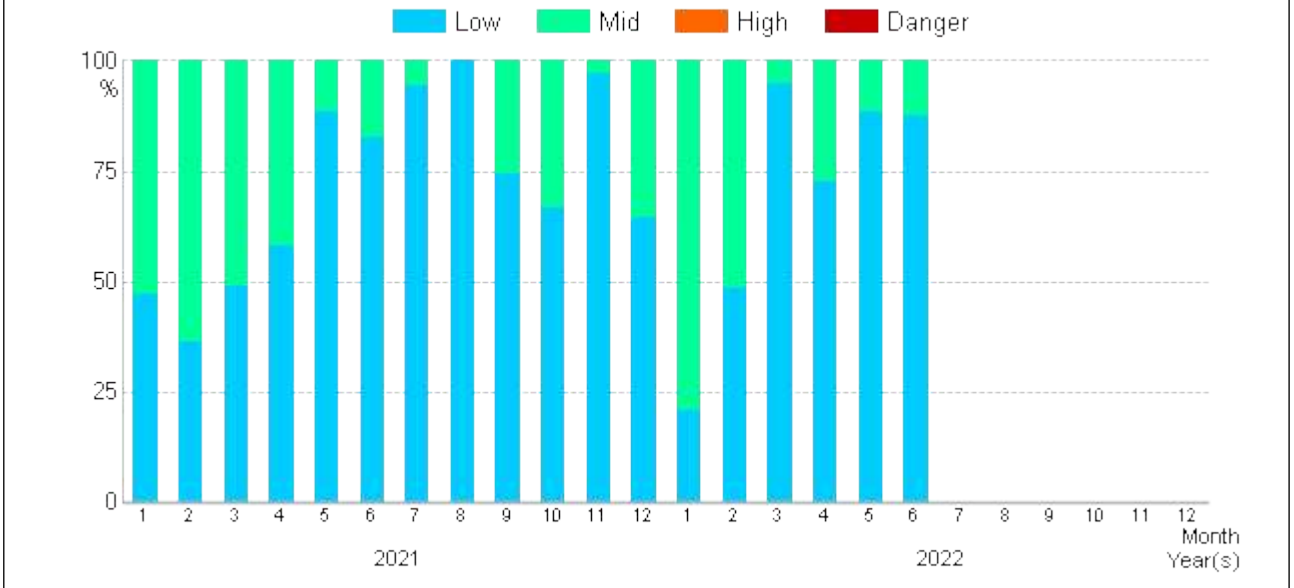
Reporting Period	01/01/2021 to 30/06/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

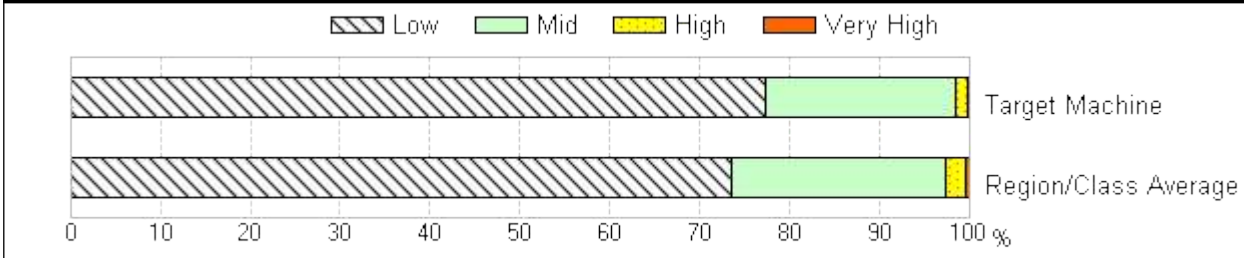
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

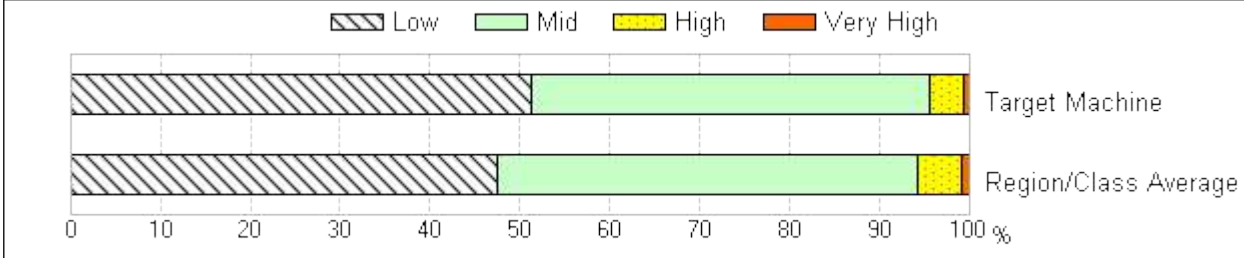
Reporting Period	3,115 hr(s) to 3,315 hr(s)

Pump Pressure



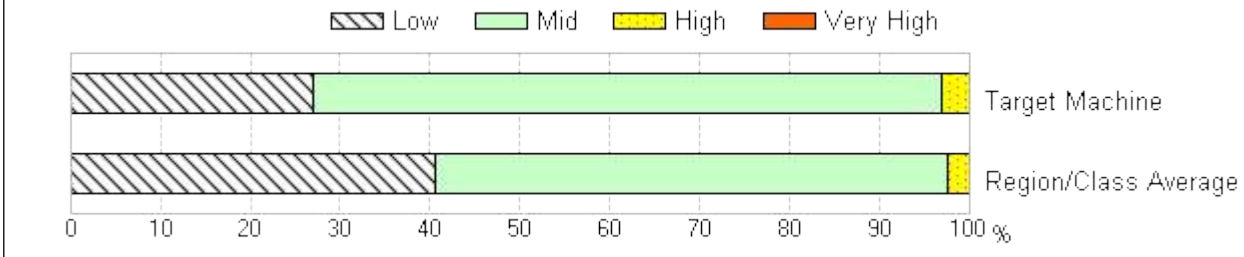
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



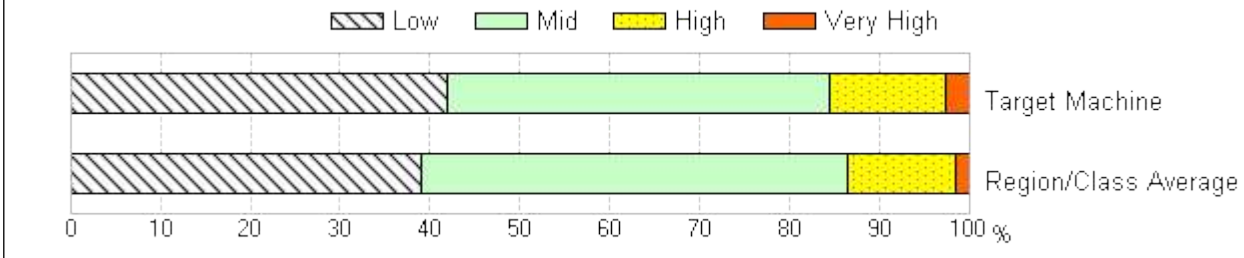
Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

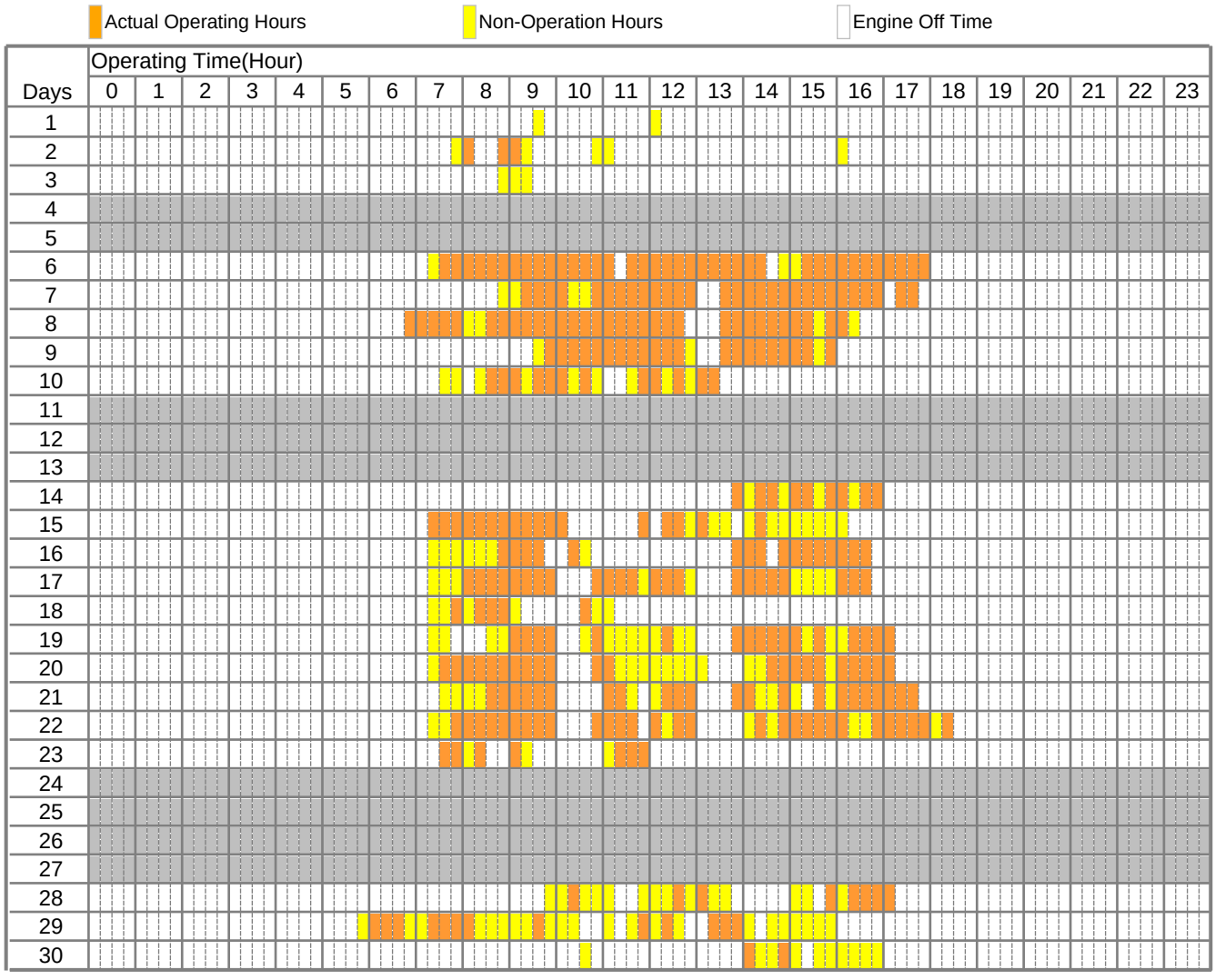
Daily Operating Report		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	116.2 hr(s)
Actual Operating Hours	63.2 hr(s)
Non-Operation Hours	53.0 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004110130-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2022 to 30/06/2022
S/N	308018	Date of Issue	08/07/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0004036658-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/06/2022

Reporting Period

01/05/2022 to 31/05/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	20 Days
Machine Operating Hours	95.0 hr(s)
Fuel Consumption	1,095 l
Ratio of Eco Mode Usage	92 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	2.6 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	59.2 hr(s)
Non-Operation Hours	35.8 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Operating Conditions

Latest Hour Meter Reading	3,195 hr(s)	Time since Delivery	3Year(s) 5Month(s)
No. of Operating Days	20 Days	Machine Operating Hours	95.0 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
	4.4 / 59	4.5 / 68	5.7 / 72	6.7 / 84	5.7 / 76	
8	9	10	11	12	13	14
		4.9 / 66	4.9 / 49	6.3 / 70	1.7 / 22	
15	16	17	18	19	20	21
	6.1 / 62	4.1 / 43	6.0 / 59	5.6 / 67	6.0 / 69	
22	23	24	25	26	27	28
		6.0 / 63	3.5 / 45	1.7 / 14	2.8 / 22	
29	30	31				
	2.6 / 27	6.0 / 64				

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	8 %	ECO Mode	92 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,095 l	Over Preceding Month	+228 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	11.5 l/hr	Over Preceding Month	-0.2 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	2,824 kg	Over Preceding Month	+587 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	37 %(35.8 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	56 %(33.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

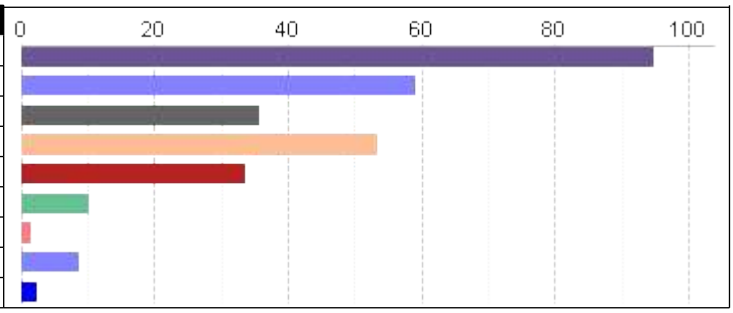
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

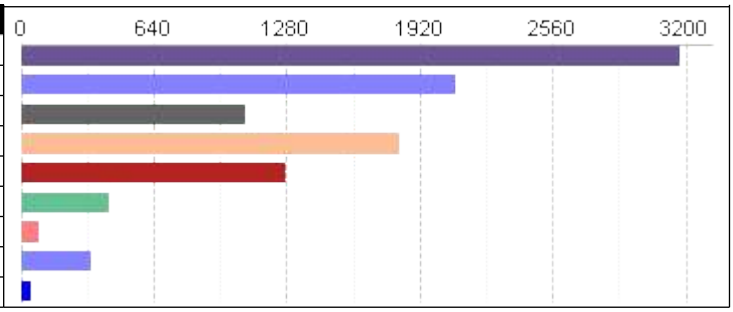
Item	Current Month
Engine Operating Hours	95.0 hr(s)
Actual Operating Hours	59.2 hr(s)
Non-Operation Hours	35.8 hr(s)
Front Operation Hours	53.5 hr(s)
Swing Operation Hours	33.7 hr(s)
Travel Operation Hours	10.3 hr(s)
Fast Speed Mode	1.5 hr(s)
Slow Speed Mode	8.9 hr(s)
Attachment Operation Hours	2.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

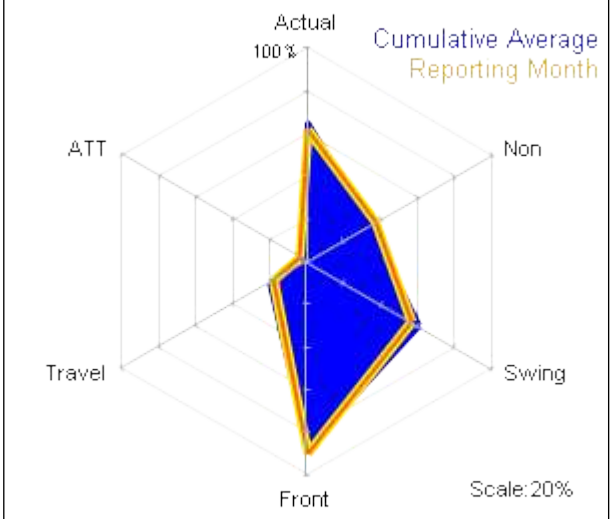
Item	Cumulative Total
Engine Operating Hours	3,171.5 hr(s)
Actual Operating Hours	2,090.8 hr(s)
Non-Operation Hours	1,080.7 hr(s)
Front Operation Hours	1,827.3 hr(s)
Swing Operation Hours	1,276.9 hr(s)
Travel Operation Hours	427.7 hr(s)
Fast Speed Mode	92.2 hr(s)
Slow Speed Mode	337.5 hr(s)
Attachment Operation Hours	54.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

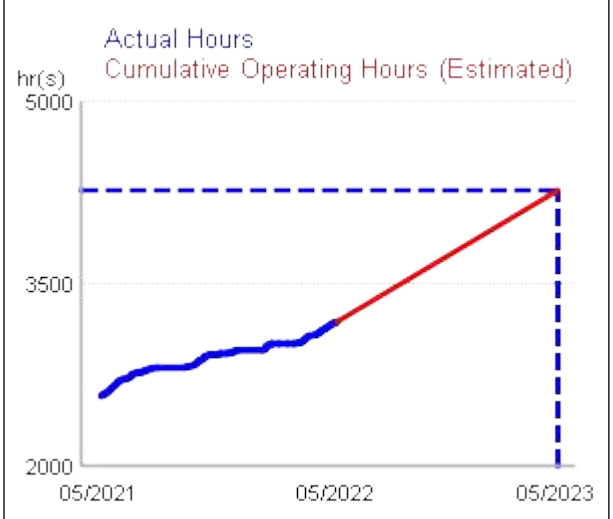
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,274 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,250 hr(s)	3,500 hr(s)	3,750 hr(s)	4,000 hr(s)
19/06/2022	12/09/2022	06/12/2022	01/03/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

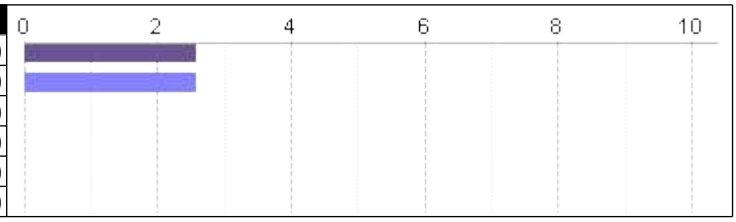
Attachment Operation Hours		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

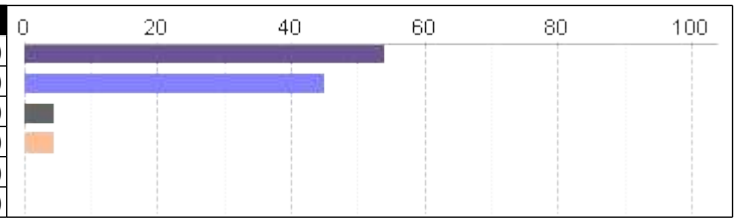
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	2.6 hr(s)
Breaker Operation	2.6 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	54.2 hr(s)
Breaker Operation	45.2 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

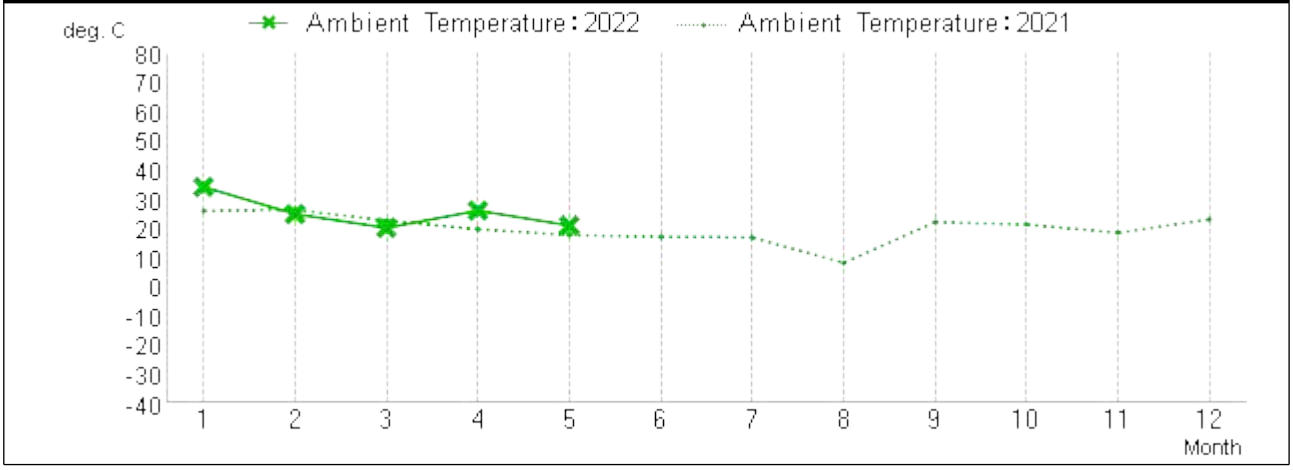
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Transition of Daily Highest Temperatures

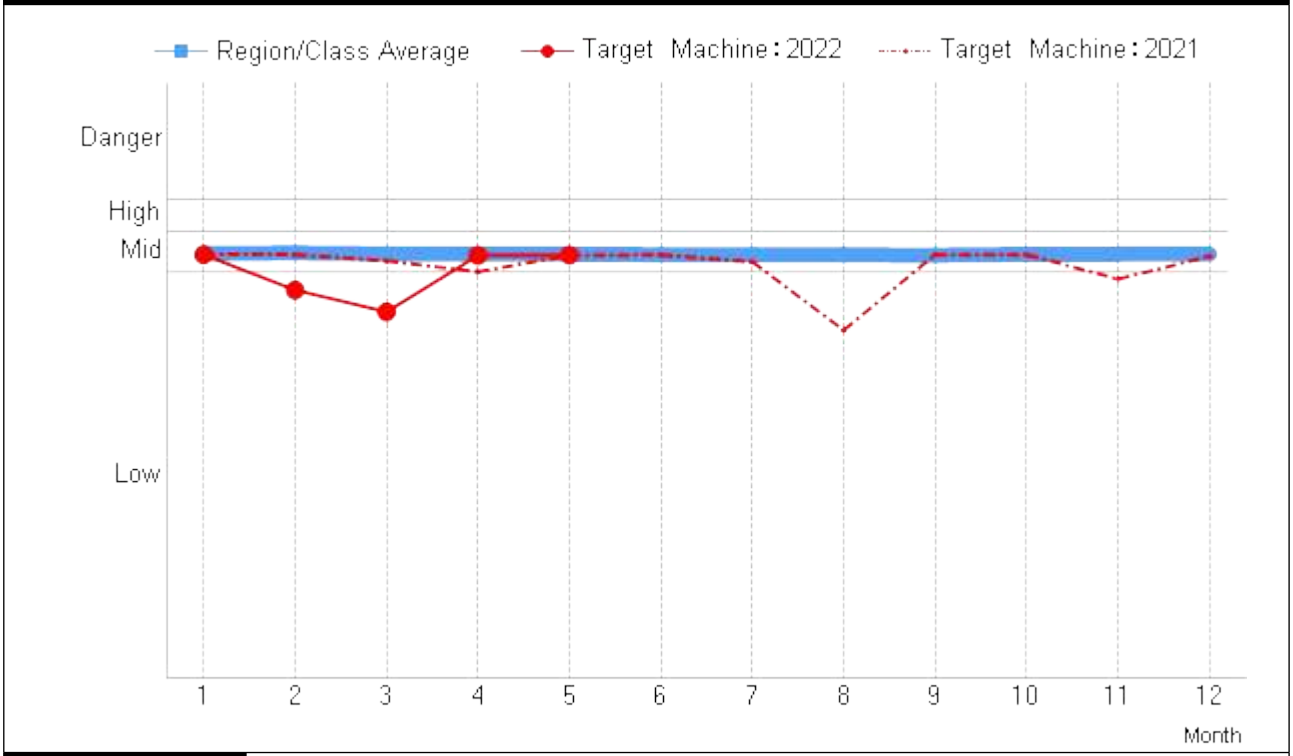
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/05/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

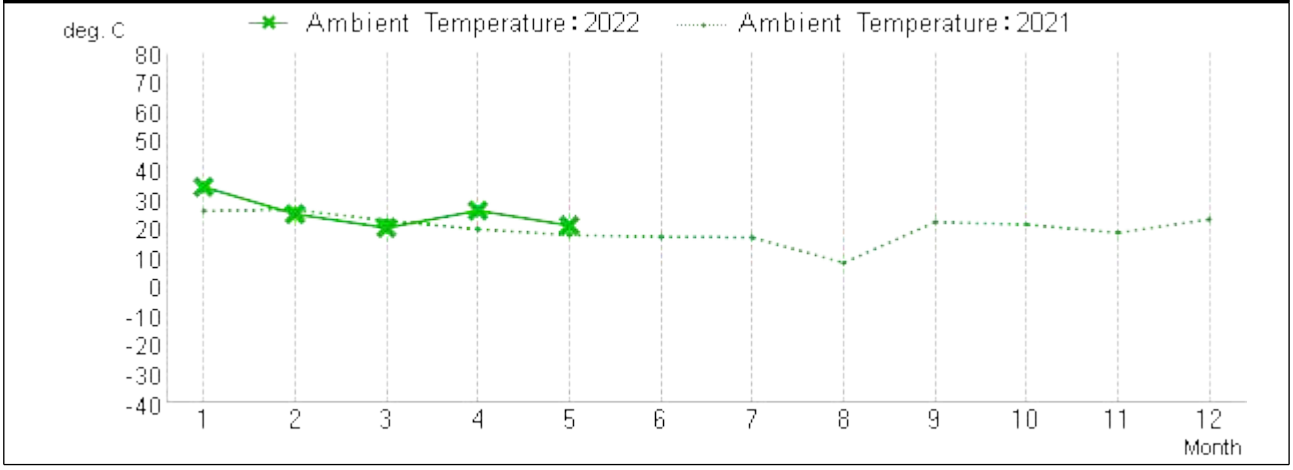
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Transition of Daily Highest Temperatures

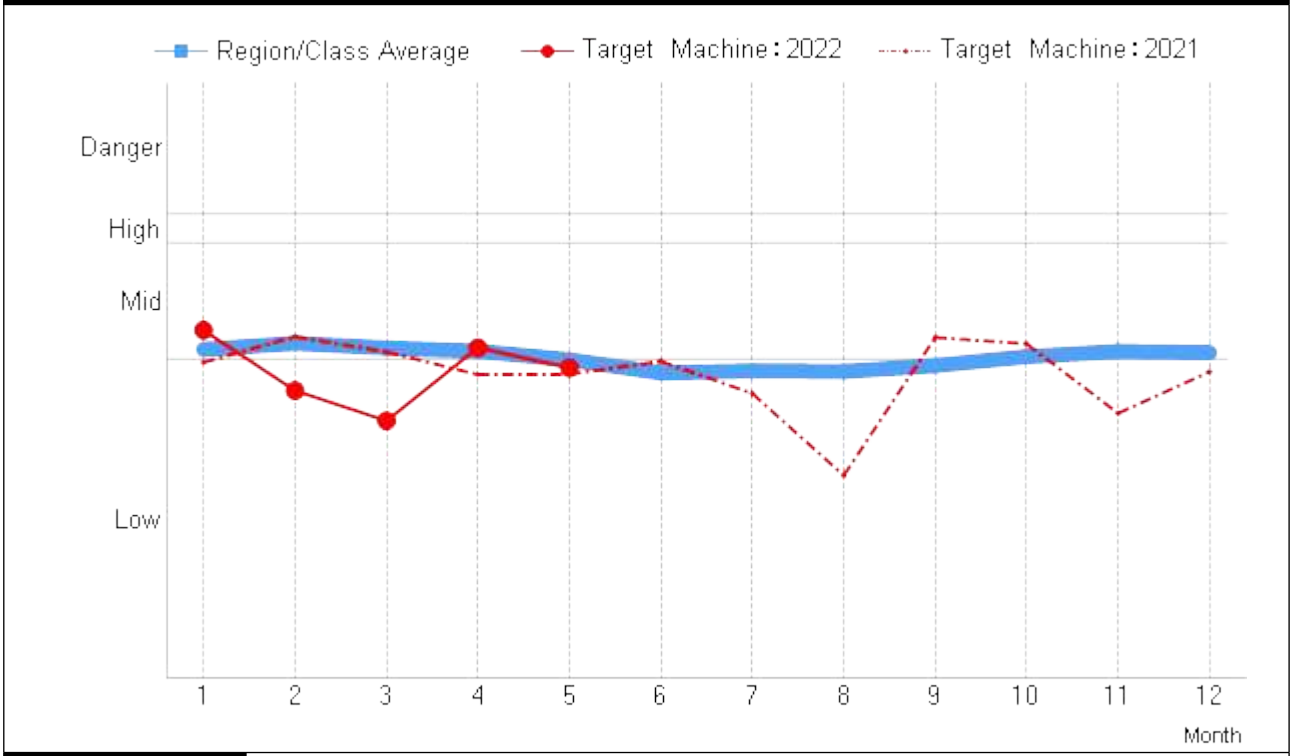
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/05/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

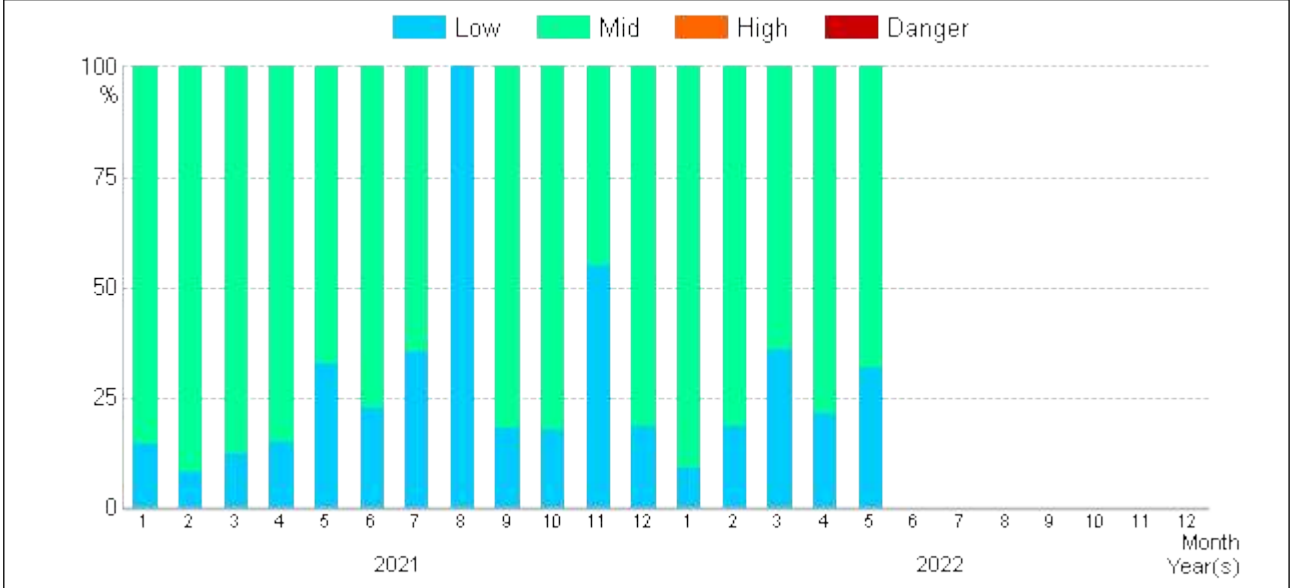
Distribution of Temperatures		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

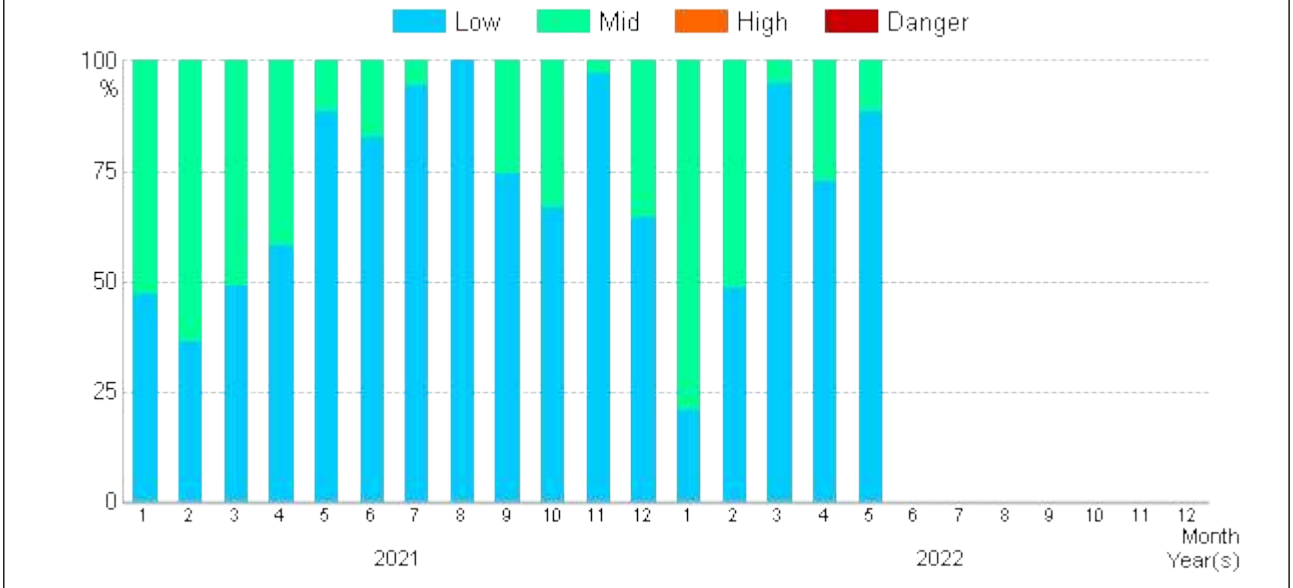
Reporting Period	01/01/2021 to 31/05/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

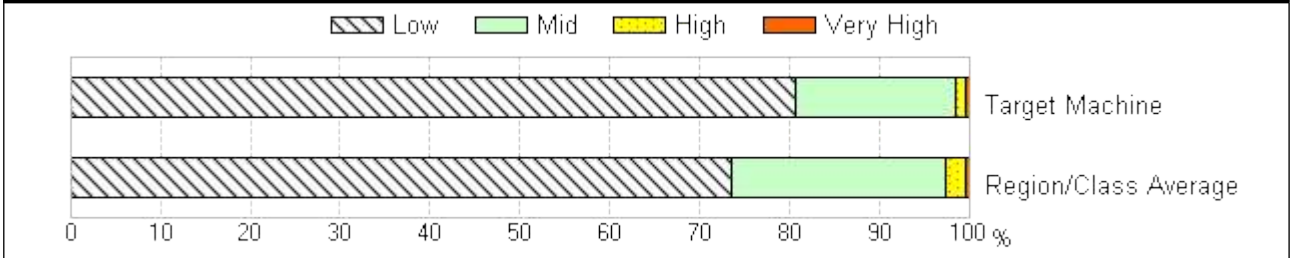
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

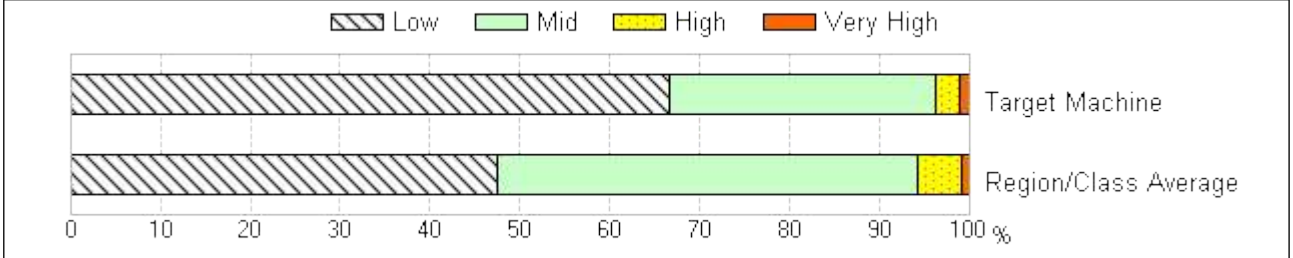
Reporting Period	2,995 hr(s) to 3,195 hr(s)

Pump Pressure



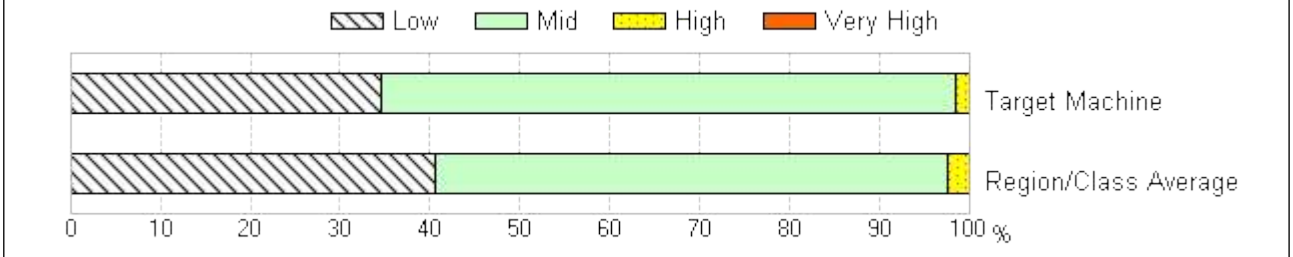
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



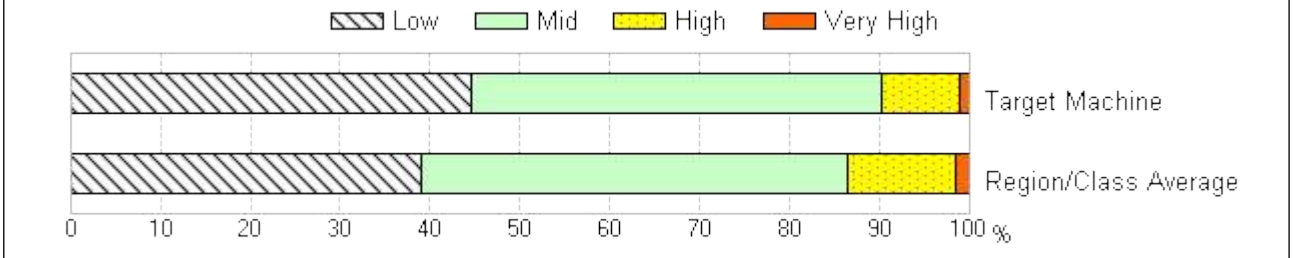
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

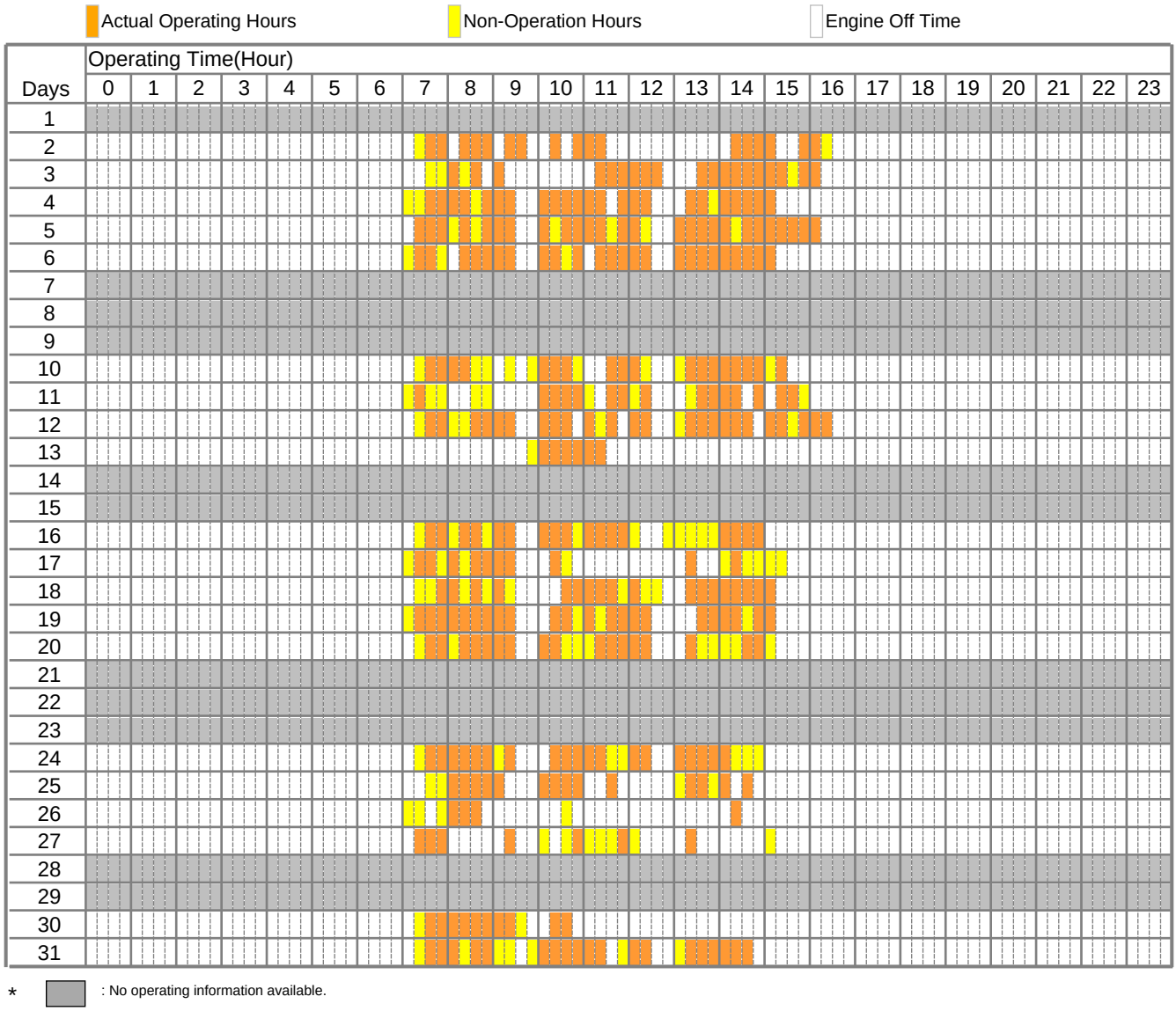
Daily Operating Report		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	95.0 hr(s)
Actual Operating Hours	59.2 hr(s)
Non-Operation Hours	35.8 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0004036658-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2022 to 31/05/2022
S/N	308018	Date of Issue	08/06/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003963678-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/05/2022

Reporting Period

01/04/2022 to 30/04/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	15 Days
Machine Operating Hours	74.3 hr(s)
Fuel Consumption	867 l
Ratio of Eco Mode Usage	97 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	[A] B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	2.9 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	49.0 hr(s)
Non-Operation Hours	25.4 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Operating Conditions

Latest Hour Meter Reading	3,099 hr(s)	Time since Delivery	3Year(s) 4Month(s)
No. of Operating Days	15 Days	Machine Operating Hours	74.3 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
					1	2
					1.1	1.2
					15	16
3	4	5	6	7	8	9
	5.4	5.9	5.0	6.1	5.6	
	68	66	56	63	61	
10	11	12	13	14	15	16
	5.8	6.5	5.7	5.6		
	85	72	58	74		
17	18	19	20	21	22	23
24	25	26	27	28	29	30
		6.1	6.4	5.5	2.3	
		57	68	79	33	

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	3 %	ECO Mode	97 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	867 l	Over Preceding Month	+754 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	11.7 l/hr	Over Preceding Month	+1.7 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	2,237 kg	Over Preceding Month	+1,944 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	34 %(25.4 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	51 %(25.2 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is very low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

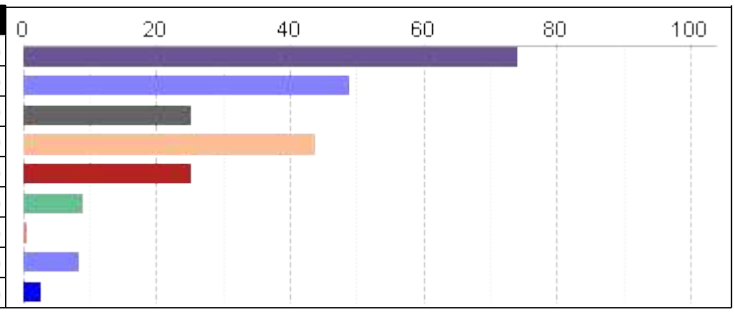
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

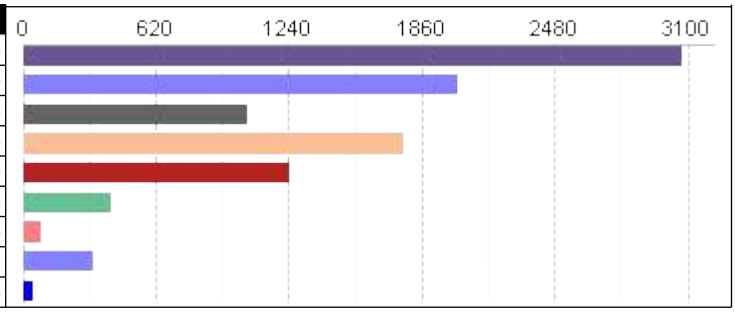
Item	Current Month
Engine Operating Hours	74.3 hr(s)
Actual Operating Hours	49.0 hr(s)
Non-Operation Hours	25.4 hr(s)
Front Operation Hours	43.8 hr(s)
Swing Operation Hours	25.2 hr(s)
Travel Operation Hours	9.2 hr(s)
Fast Speed Mode	0.8 hr(s)
Slow Speed Mode	8.4 hr(s)
Attachment Operation Hours	2.9 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

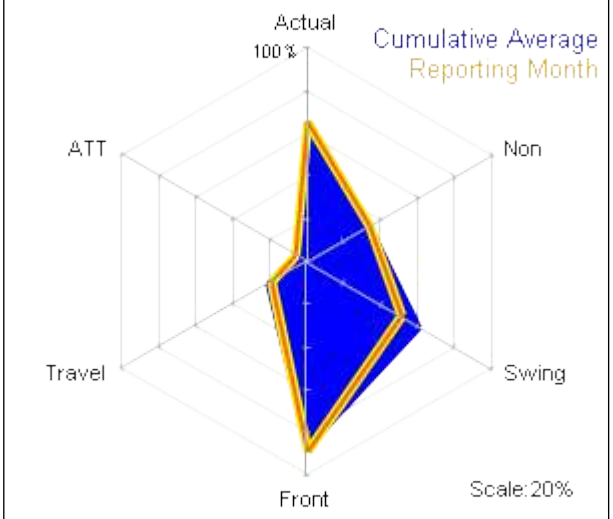
Item	Cumulative Total
Engine Operating Hours	3,078.5 hr(s)
Actual Operating Hours	2,034.3 hr(s)
Non-Operation Hours	1,044.2 hr(s)
Front Operation Hours	1,776.3 hr(s)
Swing Operation Hours	1,244.4 hr(s)
Travel Operation Hours	417.4 hr(s)
Fast Speed Mode	90.9 hr(s)
Slow Speed Mode	328.9 hr(s)
Attachment Operation Hours	52.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

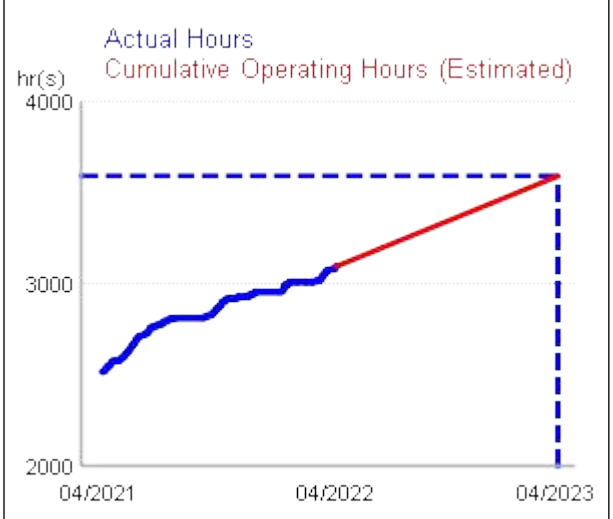
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,595 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,250 hr(s)	3,500 hr(s)	3,750 hr(s)	4,000 hr(s)
19/08/2022	20/02/2023	25/08/2023	26/02/2024

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

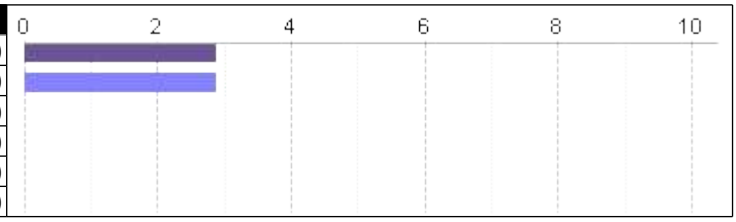
Attachment Operation Hours		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

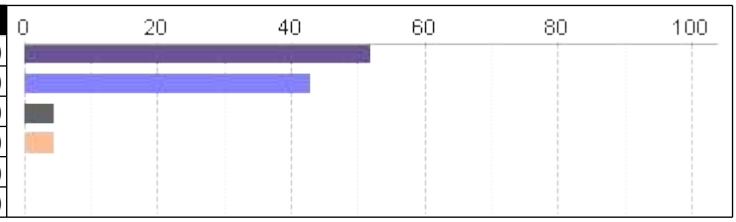
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	2.9 hr(s)
Breaker Operation	2.9 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	52.0 hr(s)
Breaker Operation	42.9 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

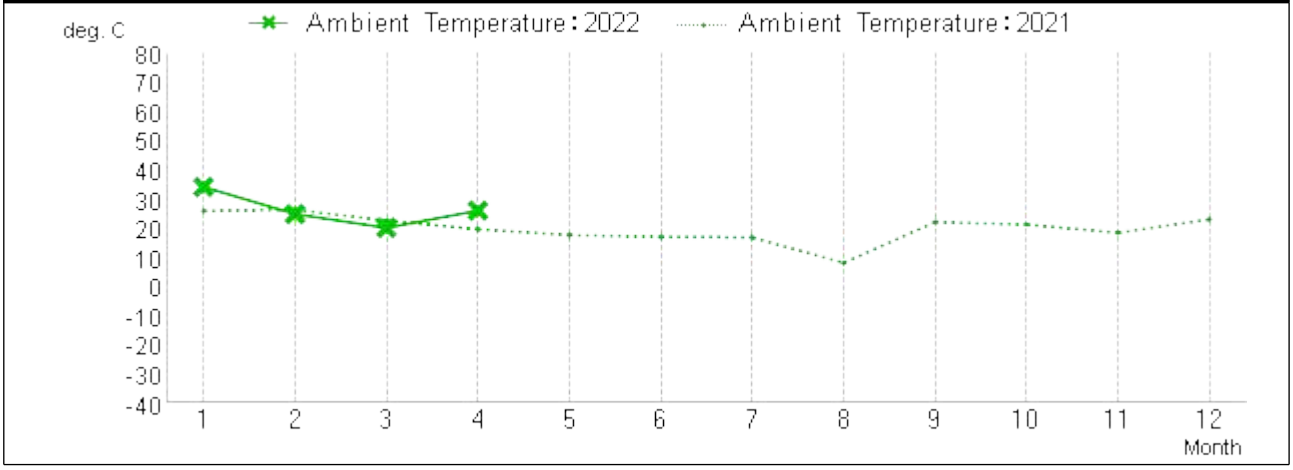
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Transition of Daily Highest Temperatures

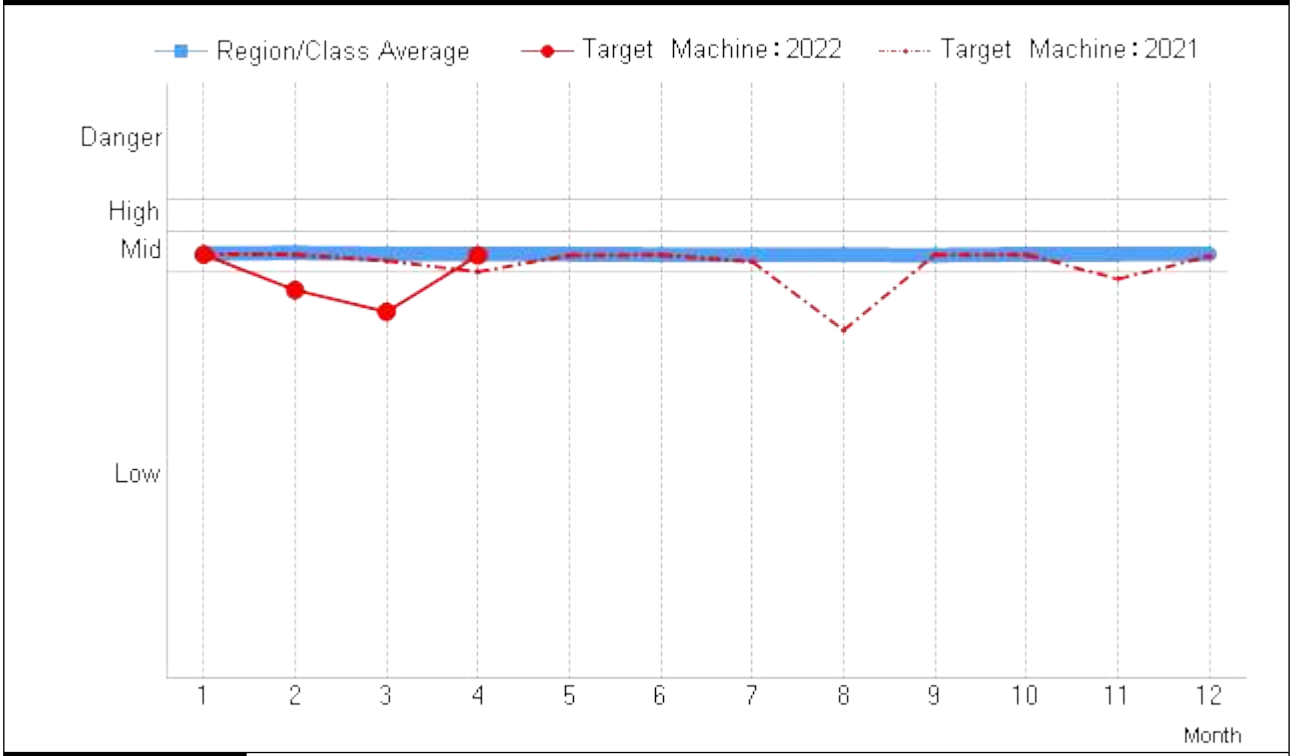
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/04/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

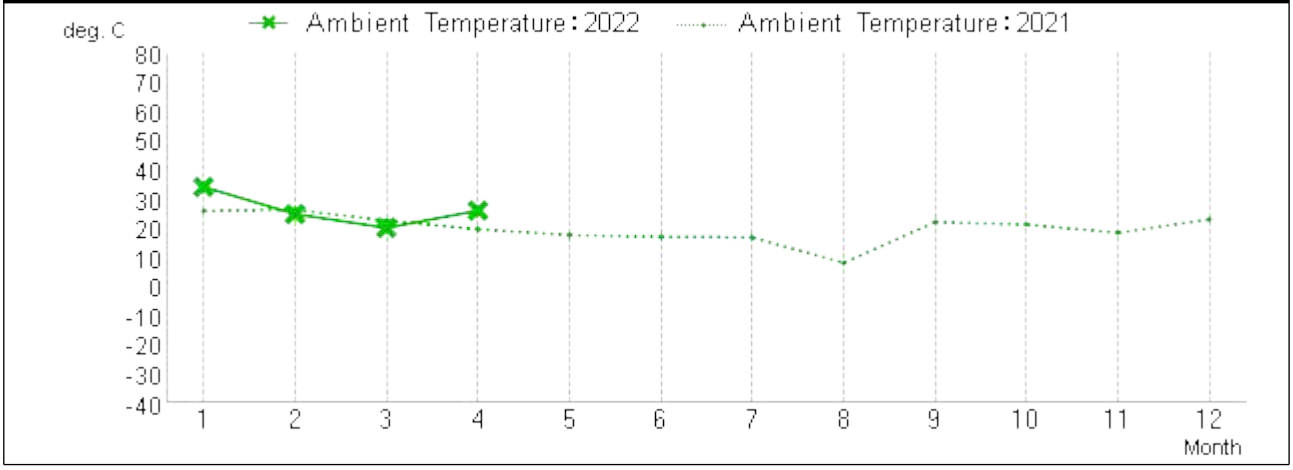
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Transition of Daily Highest Temperatures

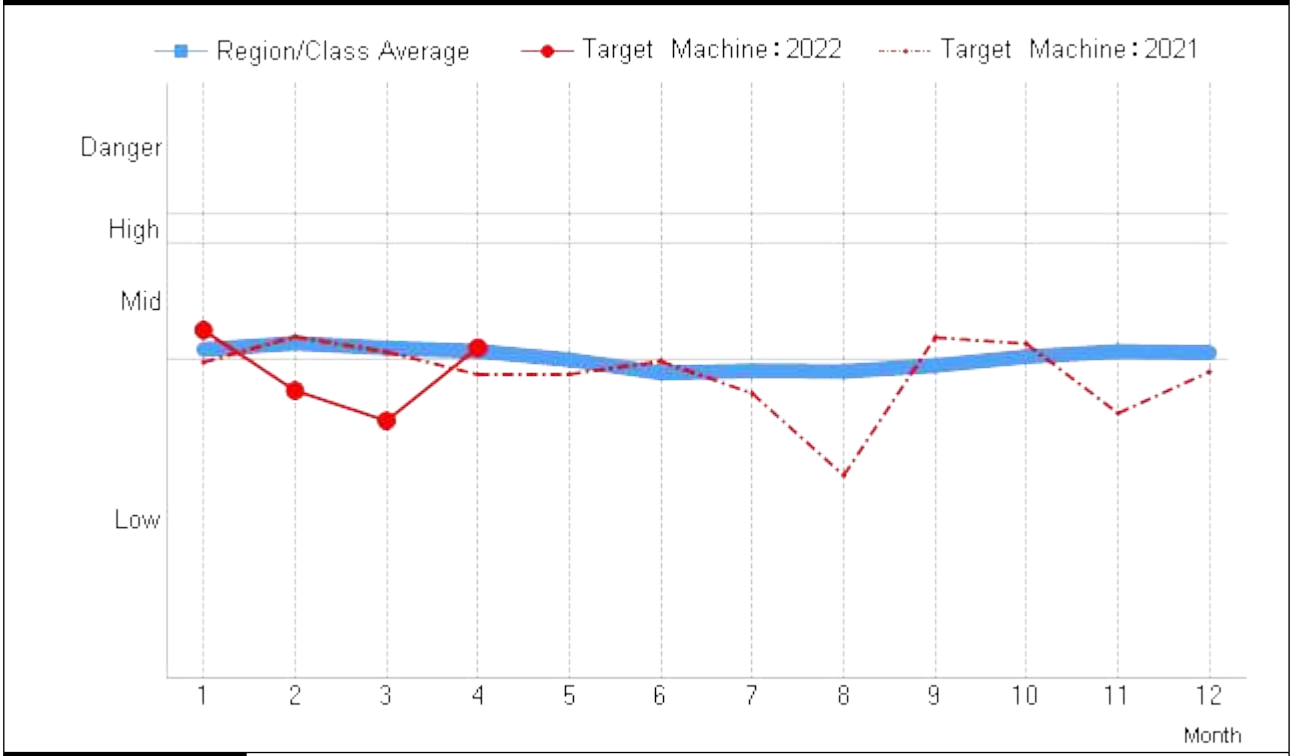
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 30/04/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

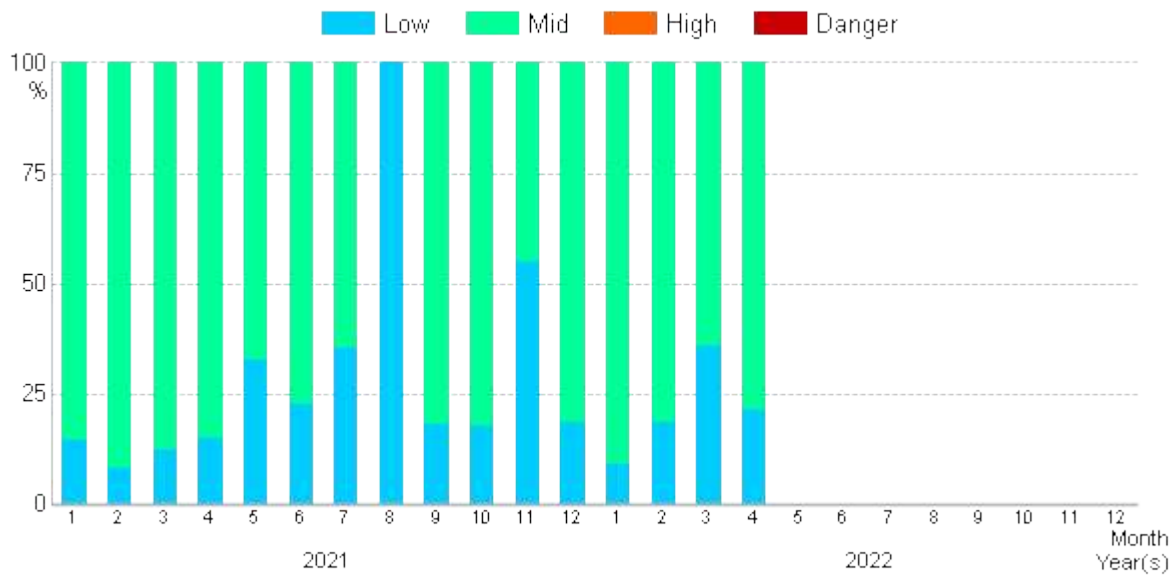
Distribution of Temperatures		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

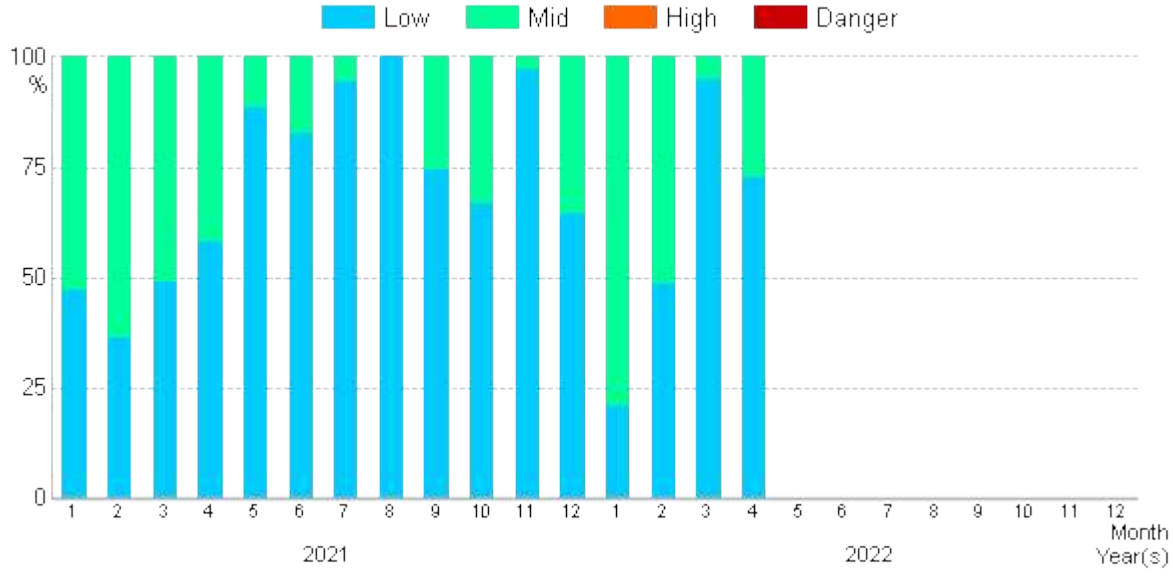
Reporting Period	01/01/2021 to 30/04/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

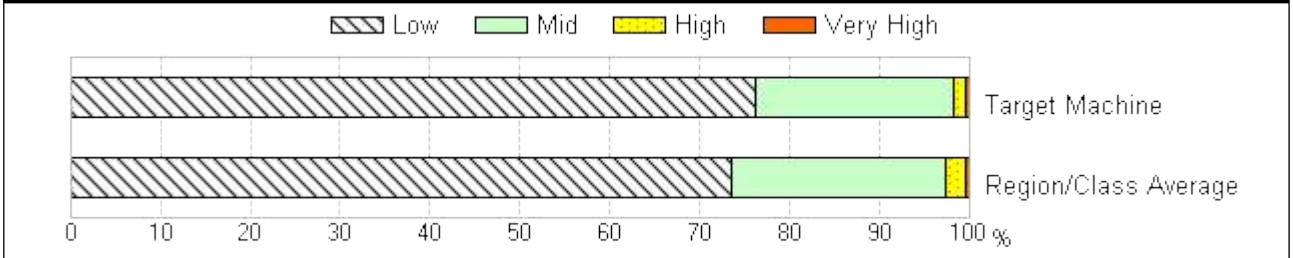
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

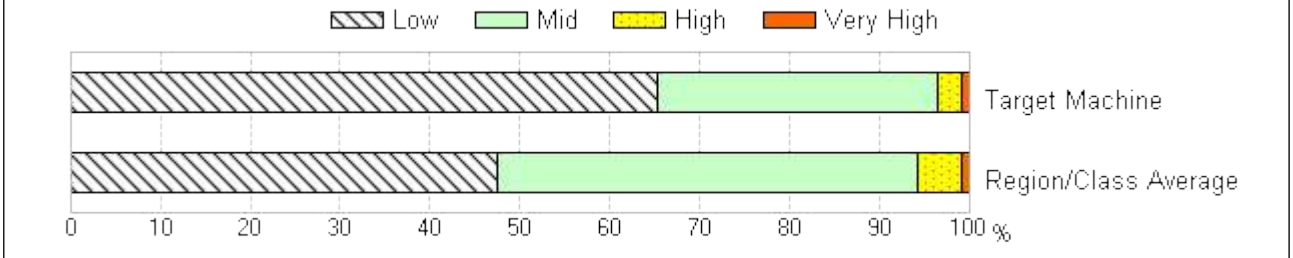
Reporting Period	2,899 hr(s) to 3,099 hr(s)

Pump Pressure



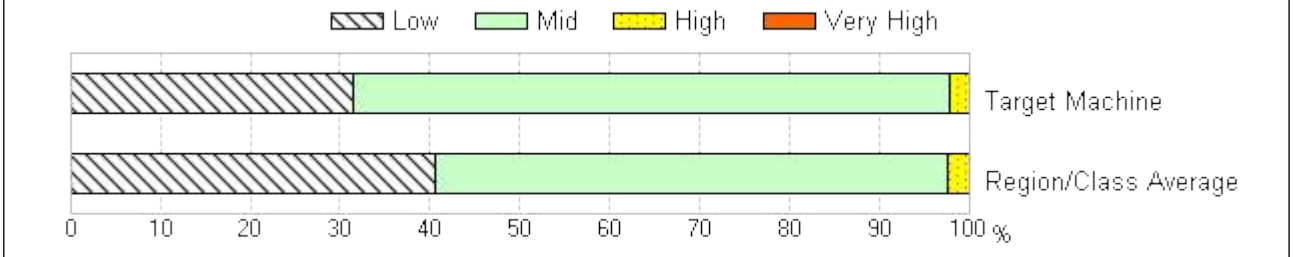
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



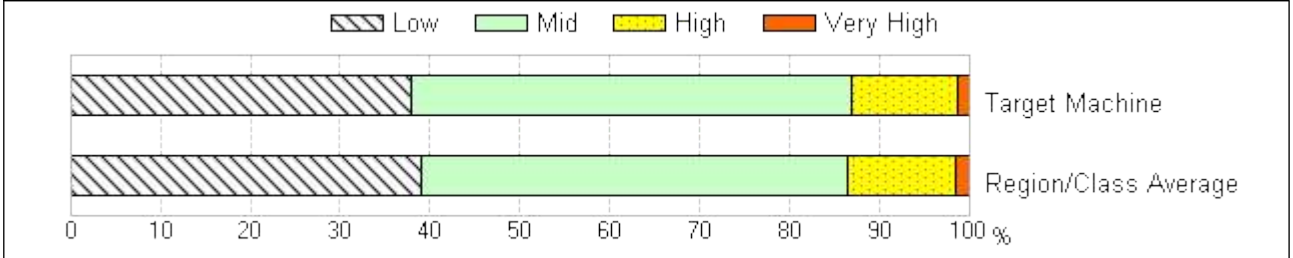
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

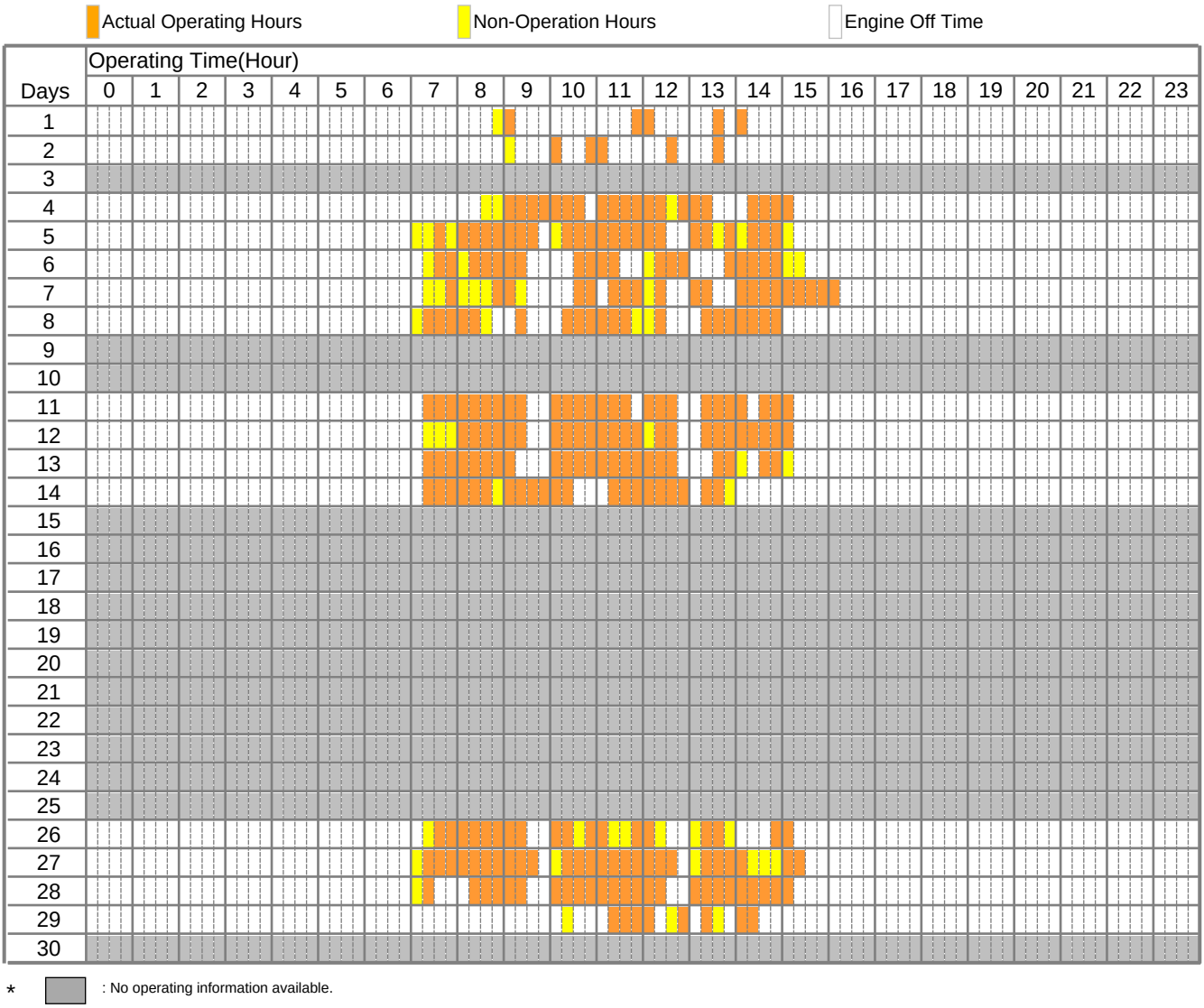
Daily Operating Report		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	74.3 hr(s)
Actual Operating Hours	49.0 hr(s)
Non-Operation Hours	25.4 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003963678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/04/2022 to 30/04/2022
S/N	308018	Date of Issue	08/05/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003891678-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/04/2022

Reporting Period

01/03/2022 to 31/03/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	8 Days
Machine Operating Hours	11.4 hr(s)
Fuel Consumption	114 l
Ratio of Eco Mode Usage	91 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	[A] B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.9 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	6.7 hr(s)
Non-Operation Hours	4.7 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Operating Conditions

Latest Hour Meter Reading	3,025 hr(s)	Time since Delivery	3Year(s) 3Month(s)
No. of Operating Days	8 Days	Machine Operating Hours	11.4 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2	3	4	5
6	7	8	9	10	11	12
			0.0	0.5		
			0	1		
13	14	15	16	17	18	19
						0.0
						0
20	21	22	23	24	25	26
0.1						2.7
1						30
27	28	29	30	31		
		4.6	1.2	2.4		
		42	8	34		

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	9 %	ECO Mode	91 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	114 l	Over Preceding Month	-457 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	9.9 l/hr	Over Preceding Month	-2.8 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	293 kg	Over Preceding Month	-1,179 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	41 %(4.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	43 %(2.9 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is very low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

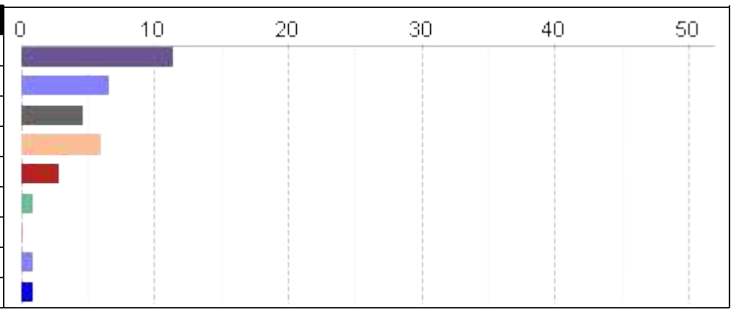
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

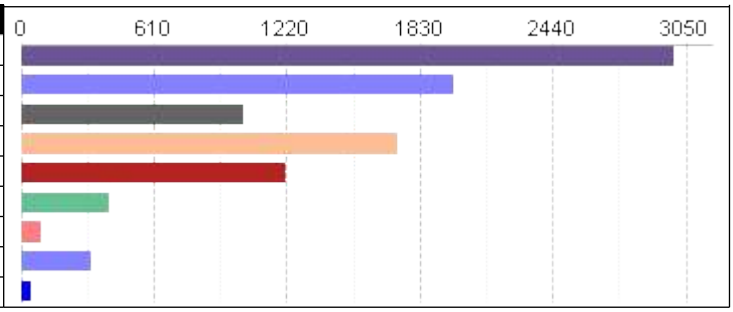
Item	Current Month
Engine Operating Hours	11.4 hr(s)
Actual Operating Hours	6.7 hr(s)
Non-Operation Hours	4.7 hr(s)
Front Operation Hours	6.1 hr(s)
Swing Operation Hours	2.9 hr(s)
Travel Operation Hours	1.0 hr(s)
Fast Speed Mode	0.2 hr(s)
Slow Speed Mode	0.9 hr(s)
Attachment Operation Hours	0.9 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

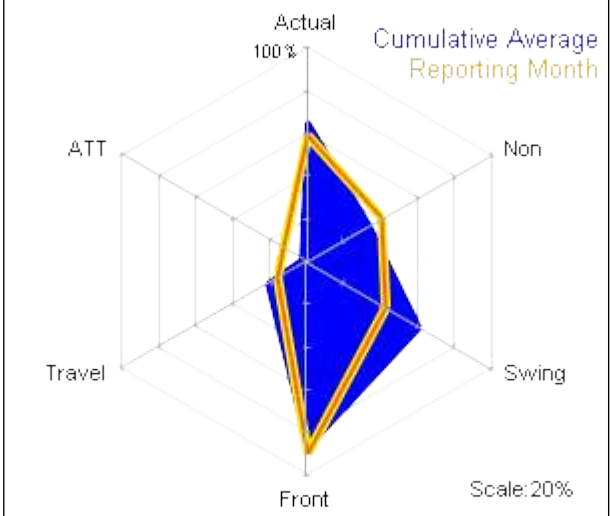
Item	Cumulative Total
Engine Operating Hours	3,002.1 hr(s)
Actual Operating Hours	1,983.8 hr(s)
Non-Operation Hours	1,018.4 hr(s)
Front Operation Hours	1,731.2 hr(s)
Swing Operation Hours	1,218.2 hr(s)
Travel Operation Hours	408.2 hr(s)
Fast Speed Mode	90.0 hr(s)
Slow Speed Mode	320.3 hr(s)
Attachment Operation Hours	49.4 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

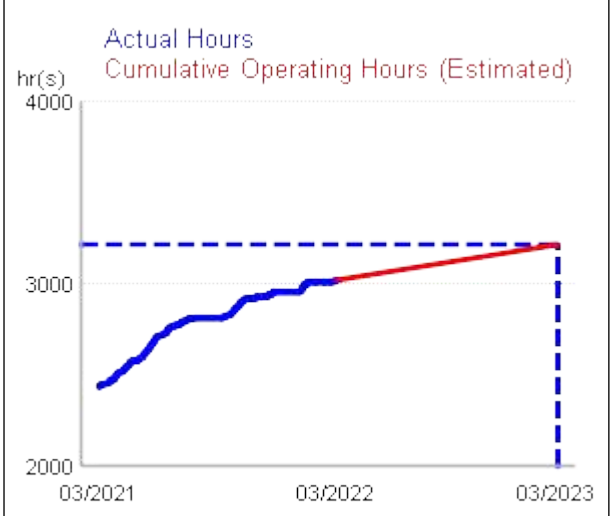
Ratio of Each Operation Hours



Comment	ATT Operation Hours in this month is higher than Cumulative operating average. Swing Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,219 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,250 hr(s)	3,500 hr(s)	3,750 hr(s)	4,000 hr(s)
30/05/2023	13/09/2024	29/12/2025	15/04/2027

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

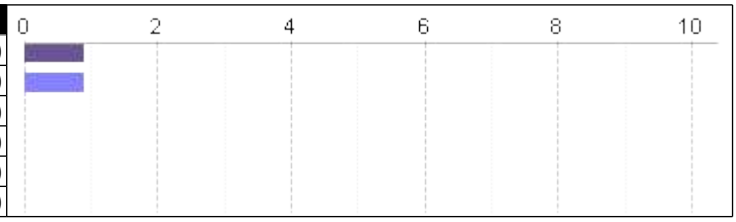
Attachment Operation Hours		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

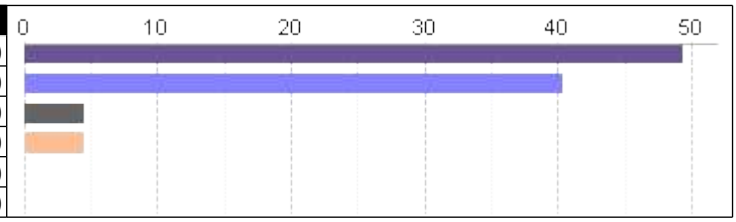
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.9 hr(s)
Breaker Operation	0.9 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	49.4 hr(s)
Breaker Operation	40.4 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

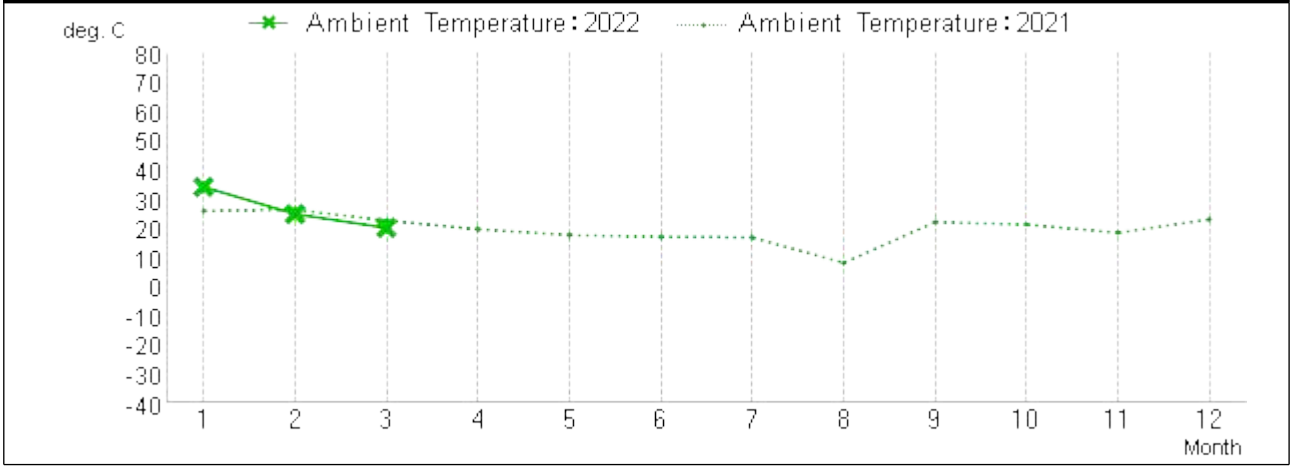
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Transition of Daily Highest Temperatures

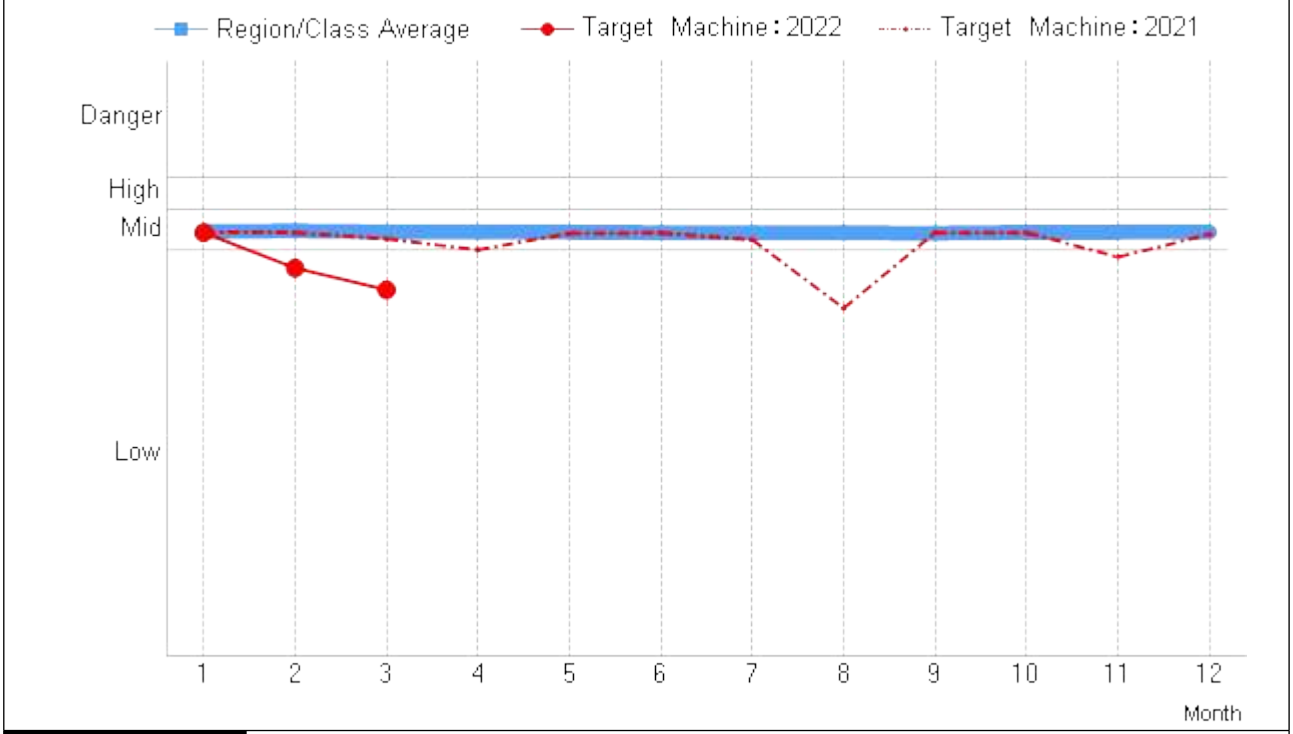
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/03/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

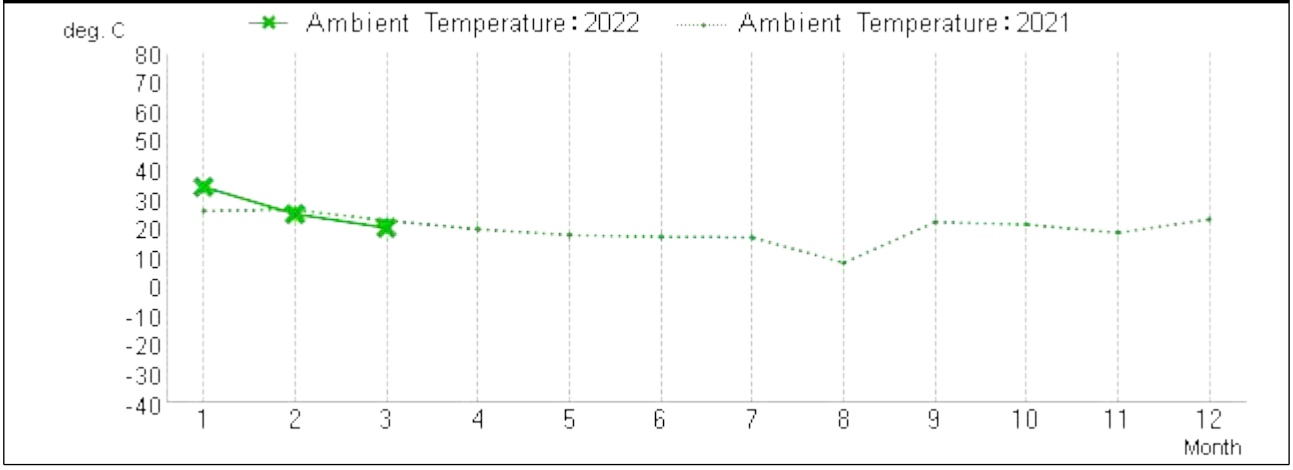
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Transition of Daily Highest Temperatures

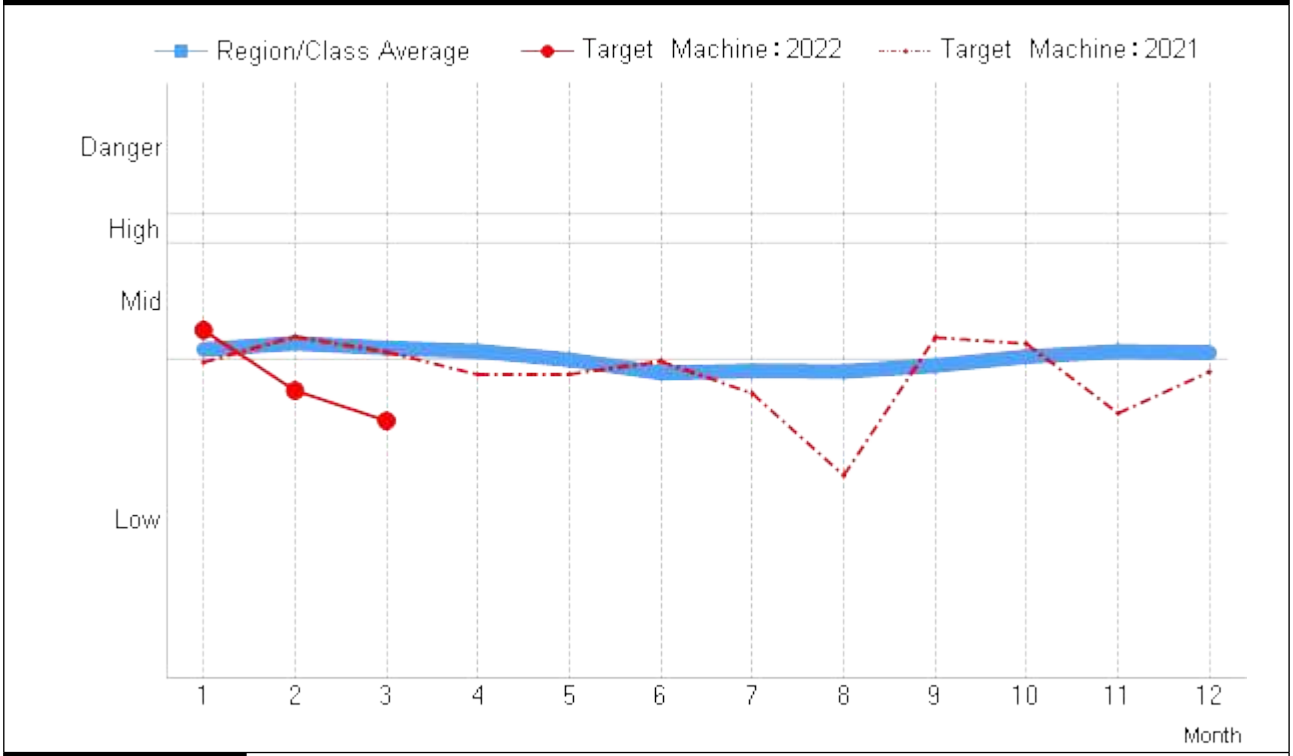
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/03/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

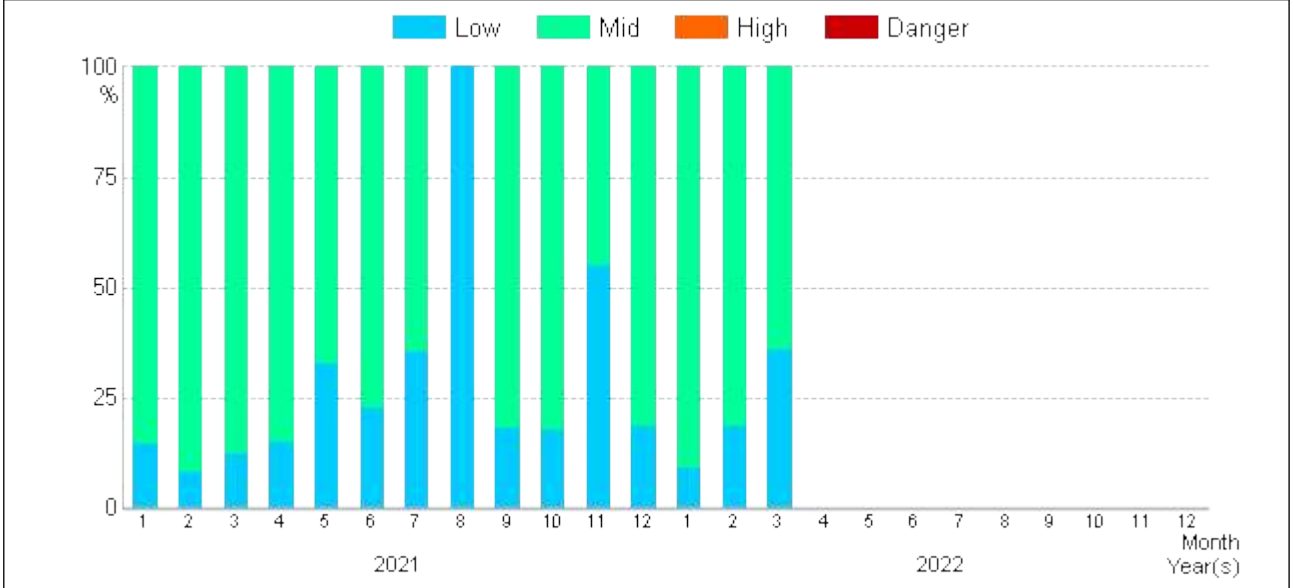
Distribution of Temperatures		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

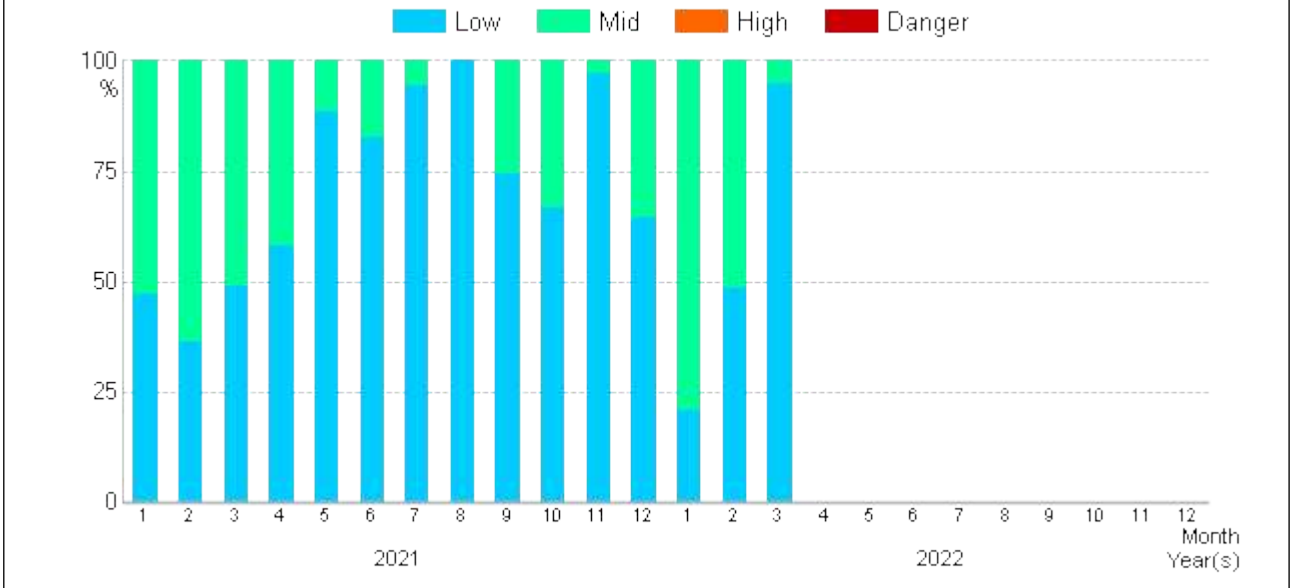
Reporting Period	01/01/2021 to 31/03/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

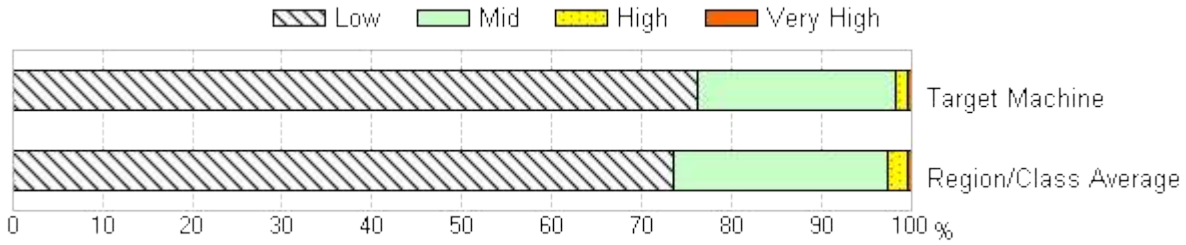
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

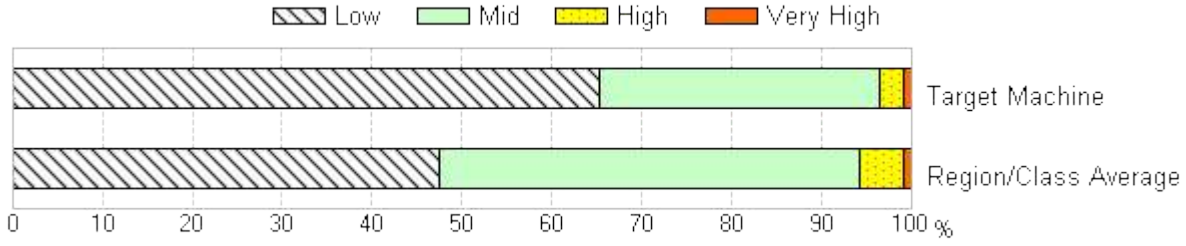
Reporting Period	2,825 hr(s) to 3,025 hr(s)

Pump Pressure



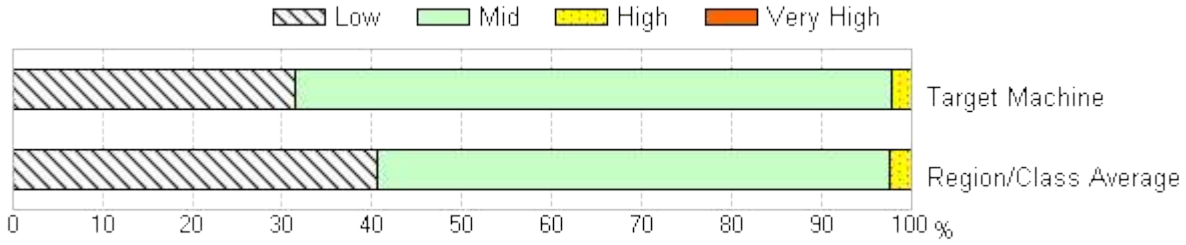
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



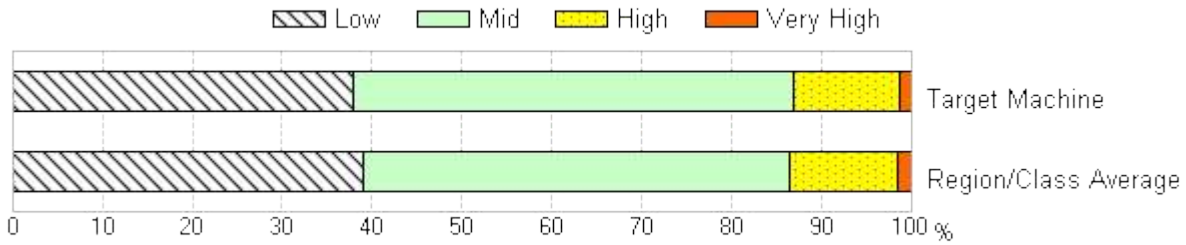
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

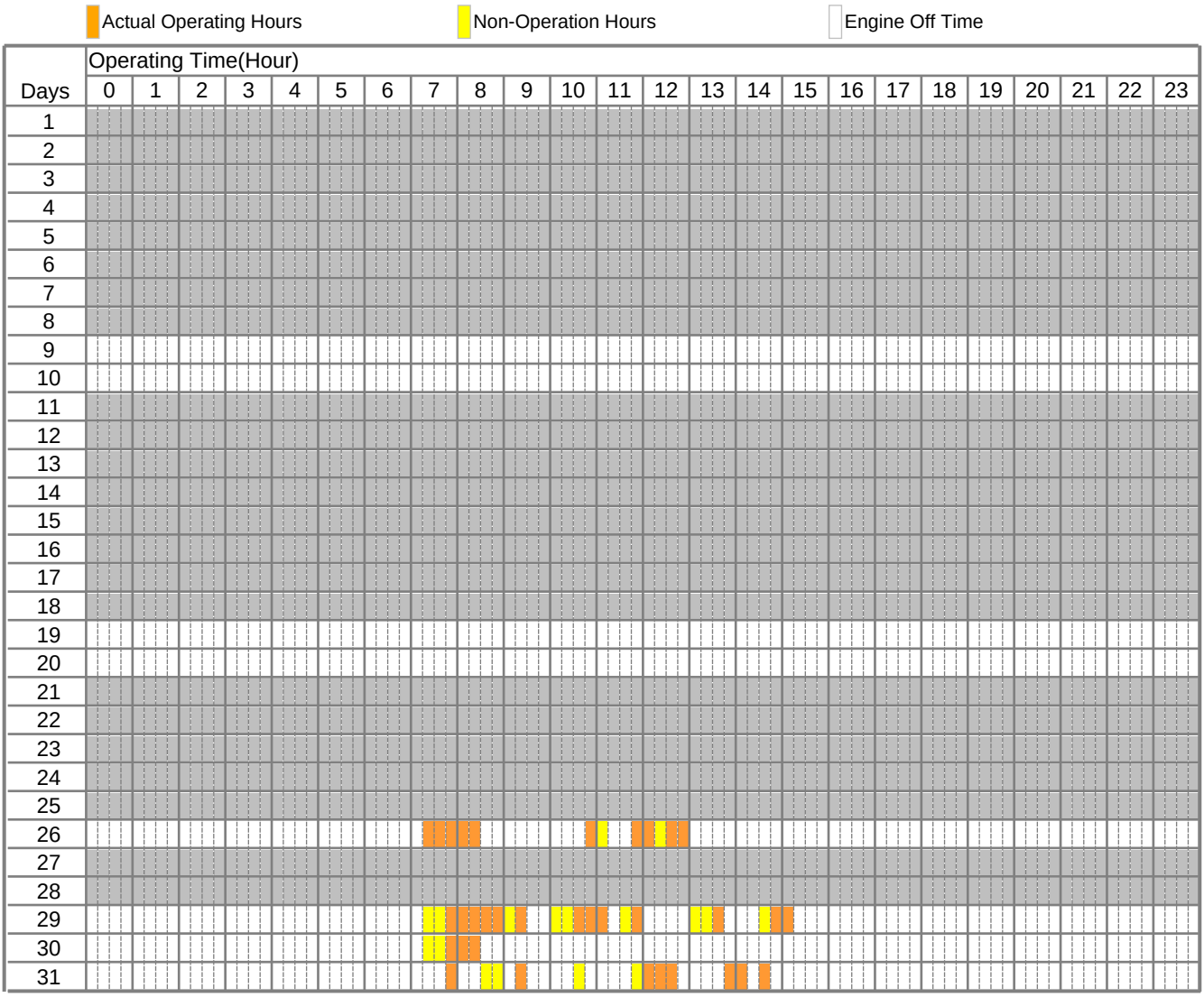
Daily Operating Report		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	11.4 hr(s)
Actual Operating Hours	6.7 hr(s)
Non-Operation Hours	4.7 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003891678-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/03/2022 to 31/03/2022
S/N	308018	Date of Issue	08/04/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003819672-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/03/2022

Reporting Period

01/02/2022 to 28/02/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	11 Days
Machine Operating Hours	45.0 hr(s)
Fuel Consumption	571 l
Ratio of Eco Mode Usage	96 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Mid" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	31.5 hr(s)
Non-Operation Hours	13.5 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Operating Conditions

Latest Hour Meter Reading	3,013 hr(s)	Time since Delivery	3Year(s) 2Month(s)
No. of Operating Days	11 Days	Machine Operating Hours	45.0 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2	3	4	5
		8.3	9.7	9.8	2.4	
		114	160	154	36	
6	7	8	9	10	11	12
	0.6	0.1	6.0	7.8	0.2	0.0
	9	2	38	59	1	0
13	14	15	16	17	18	19
20	21	22	23	24	25	26
		0.0				
		0				
27	28					

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	4 %	ECO Mode	96 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	571 l	Over Preceding Month	+459 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	12.7 l/hr	Over Preceding Month	-0.8 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	1,472 kg	Over Preceding Month	+1,183 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	29 %(13.5 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	55 %(17.4 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

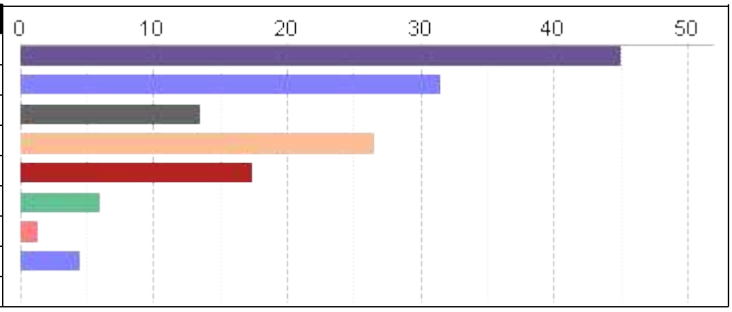
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

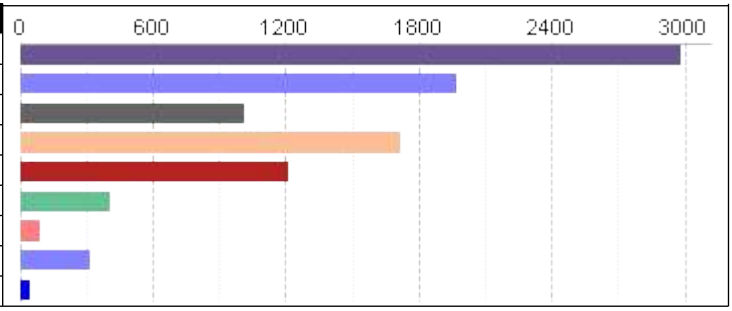
Item	Current Month
Engine Operating Hours	45.0 hr(s)
Actual Operating Hours	31.5 hr(s)
Non-Operation Hours	13.5 hr(s)
Front Operation Hours	26.6 hr(s)
Swing Operation Hours	17.4 hr(s)
Travel Operation Hours	6.0 hr(s)
Fast Speed Mode	1.4 hr(s)
Slow Speed Mode	4.6 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

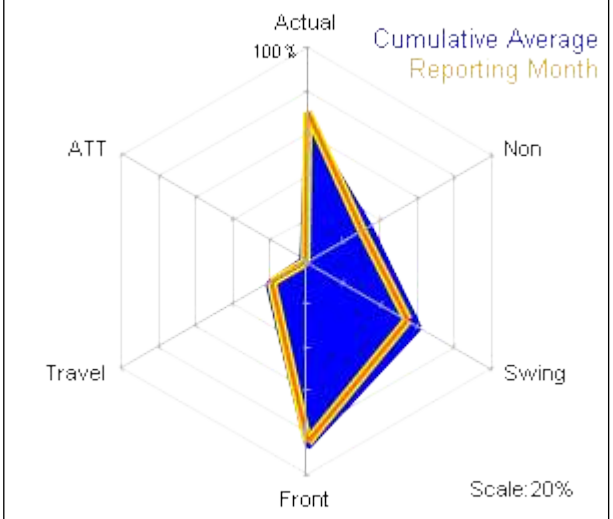
Item	Cumulative Total
Engine Operating Hours	2,988.3 hr(s)
Actual Operating Hours	1,975.2 hr(s)
Non-Operation Hours	1,013.1 hr(s)
Front Operation Hours	1,723.4 hr(s)
Swing Operation Hours	1,214.8 hr(s)
Travel Operation Hours	407.2 hr(s)
Fast Speed Mode	89.8 hr(s)
Slow Speed Mode	319.2 hr(s)
Attachment Operation Hours	47.9 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

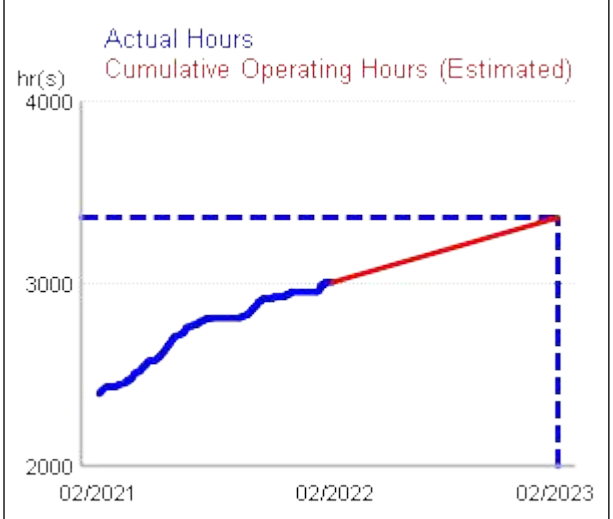
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,367 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,250 hr(s)	3,500 hr(s)	3,750 hr(s)	4,000 hr(s)
30/10/2022	20/07/2023	08/04/2024	27/12/2024

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

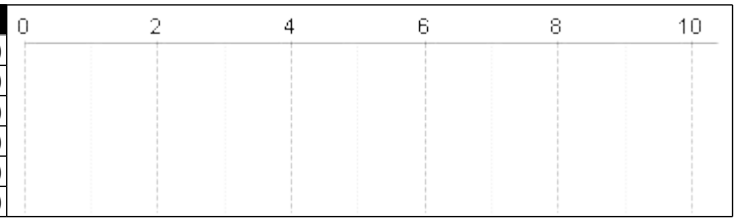
Attachment Operation Hours		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

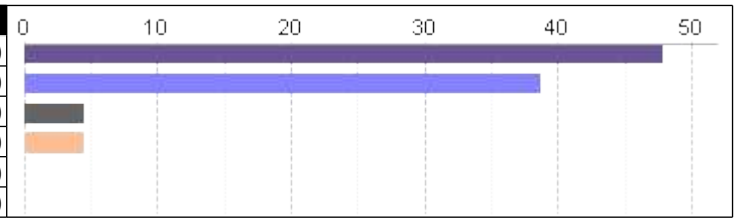
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.9 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

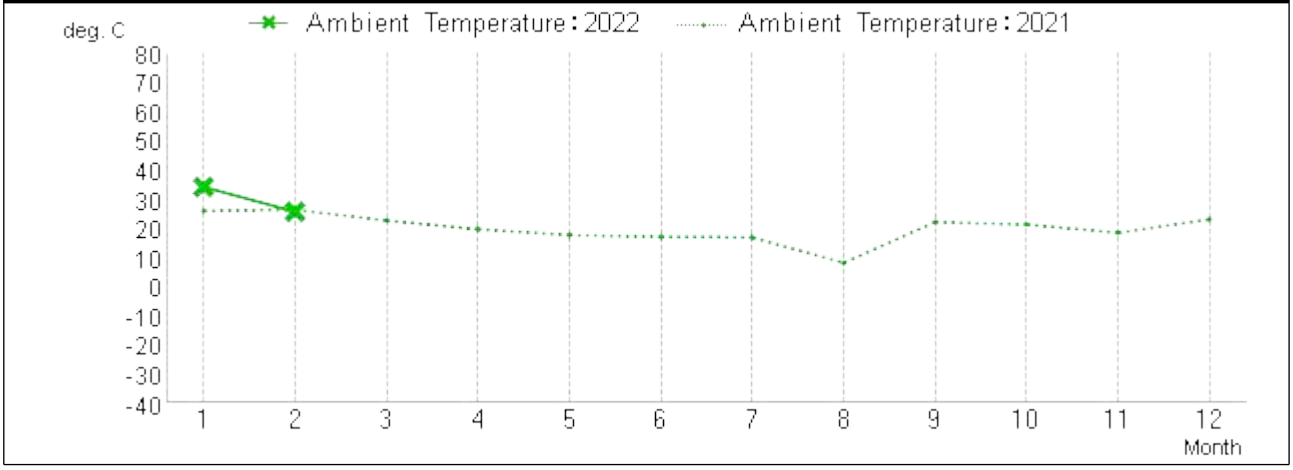
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Transition of Daily Highest Temperatures

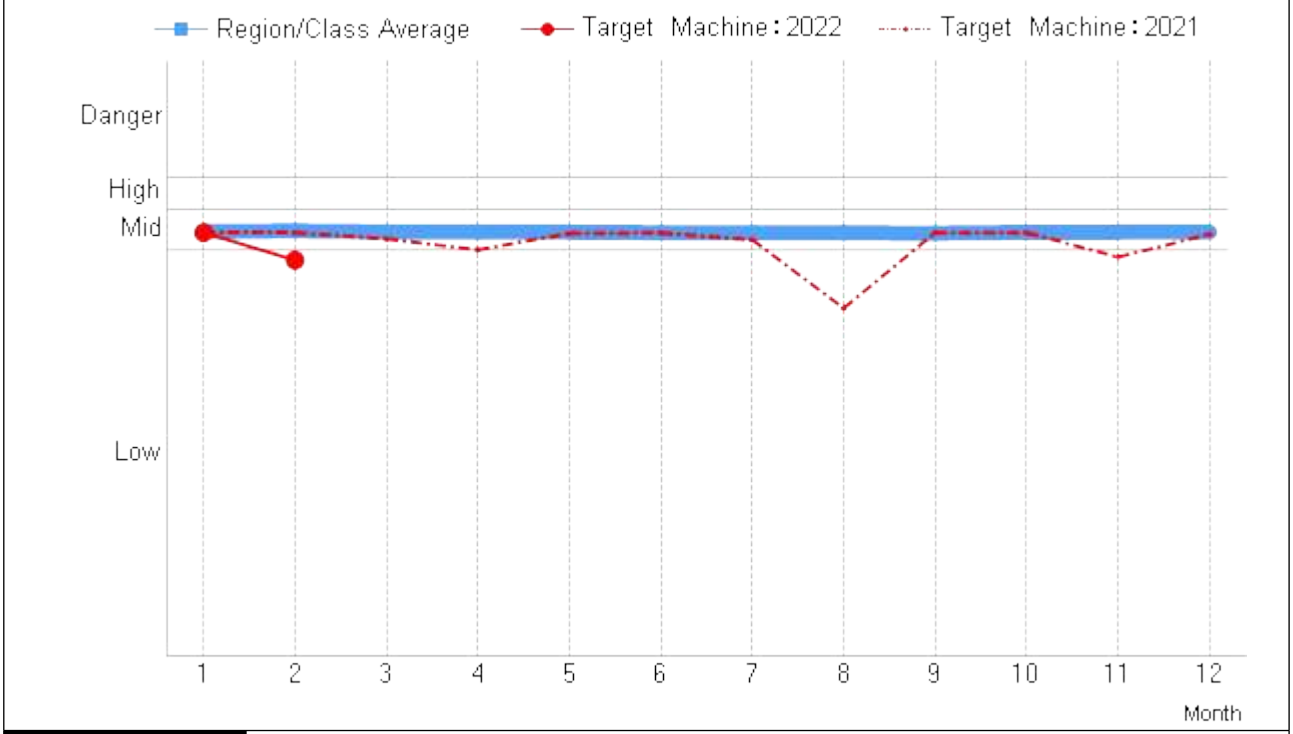
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 28/02/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

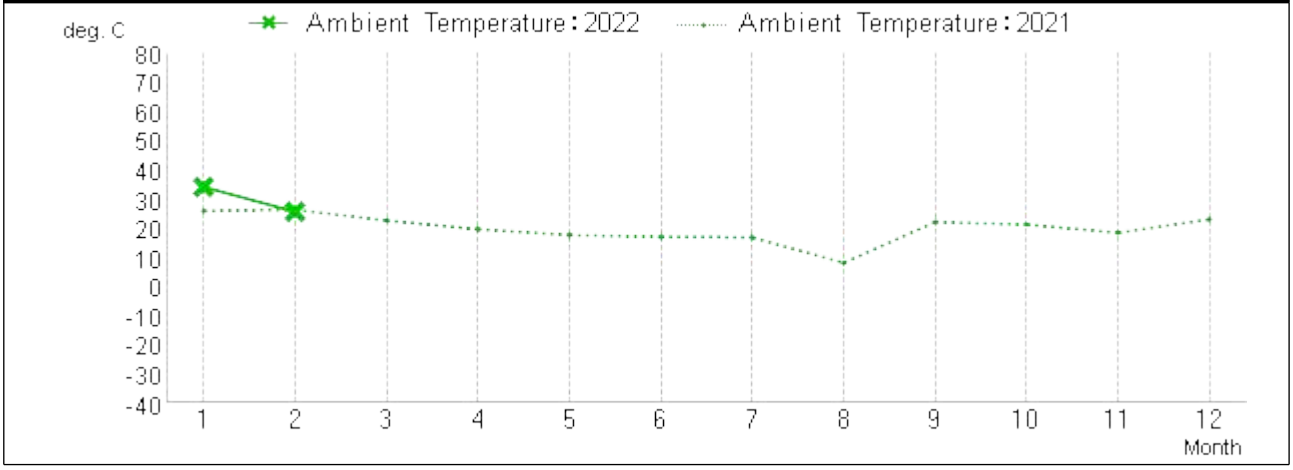
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Transition of Daily Highest Temperatures

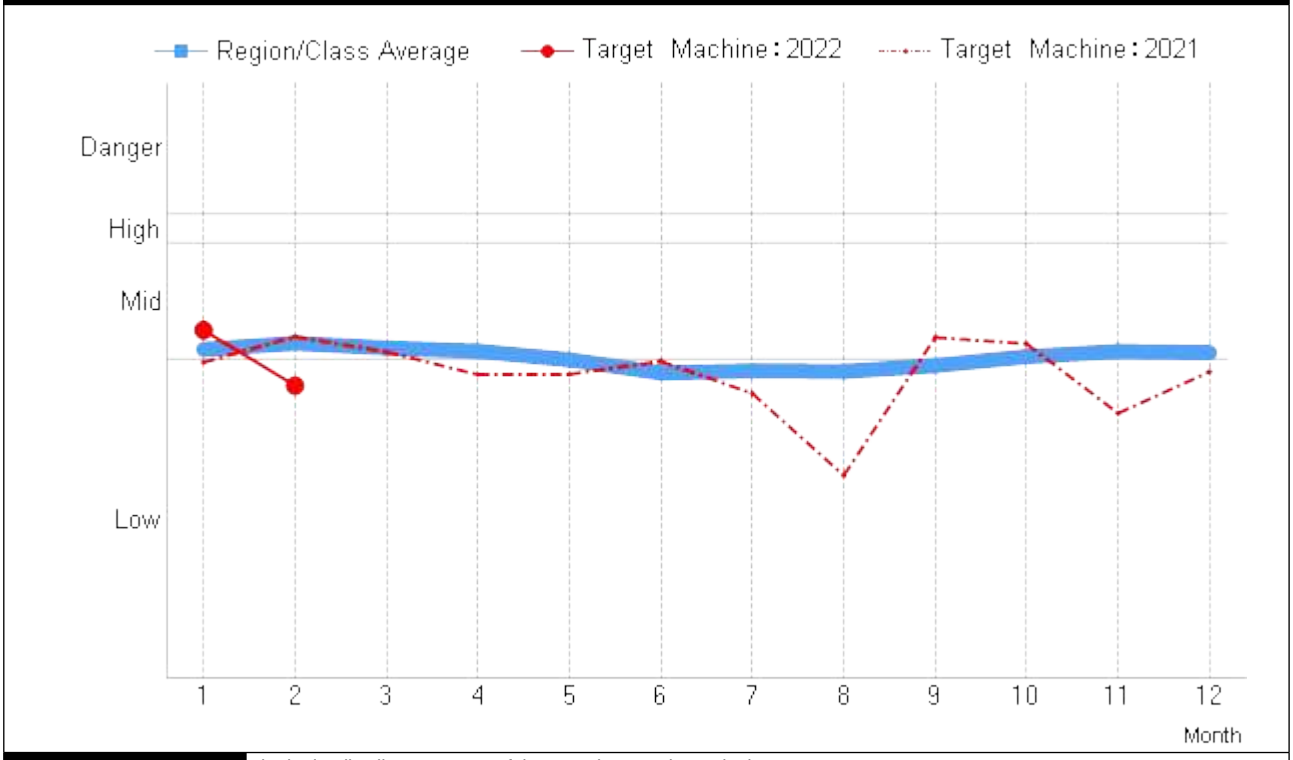
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 28/02/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

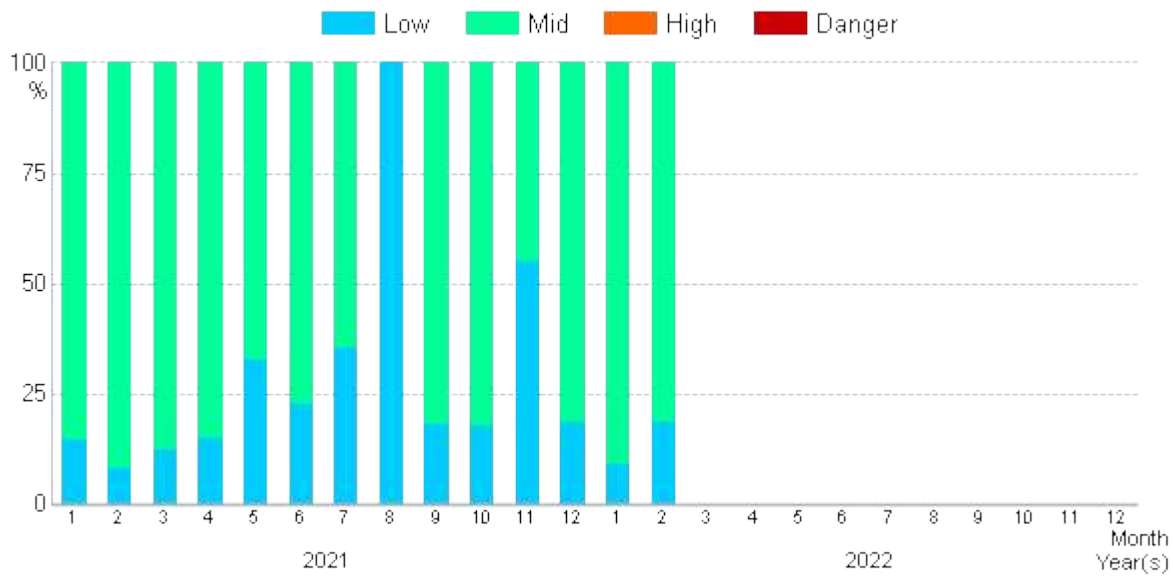
Distribution of Temperatures		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

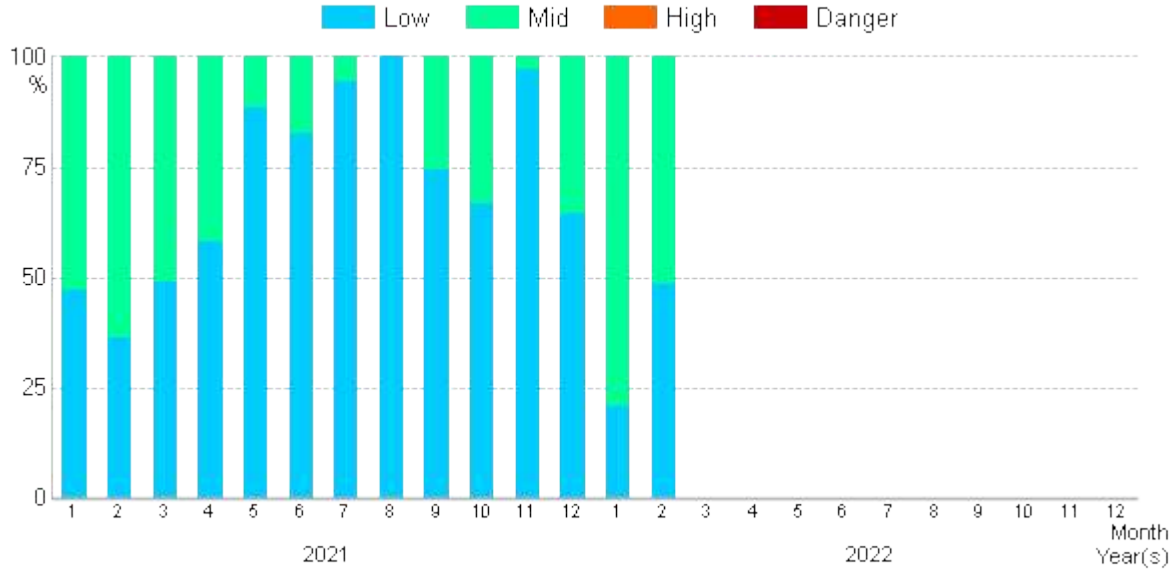
Reporting Period	01/01/2021 to 28/02/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

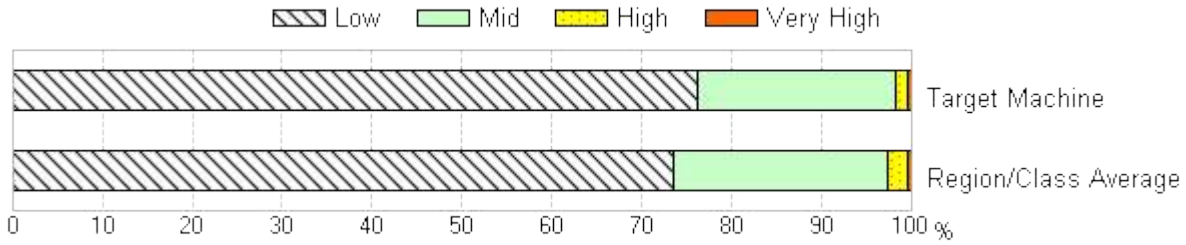
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

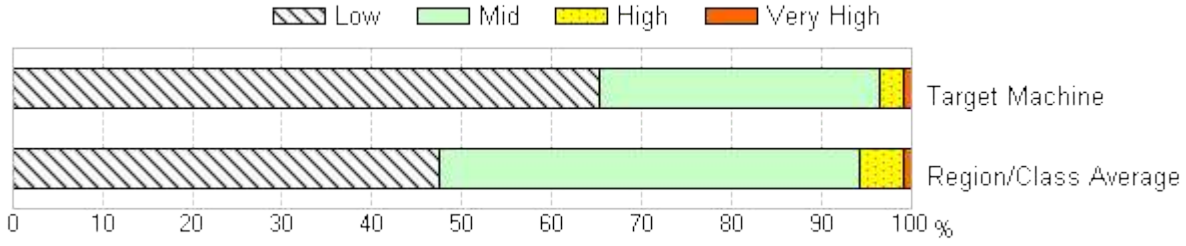
Reporting Period	2,813 hr(s) to 3,013 hr(s)

Pump Pressure



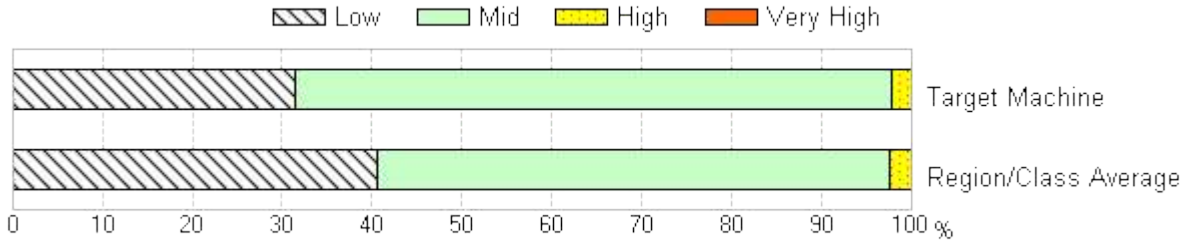
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



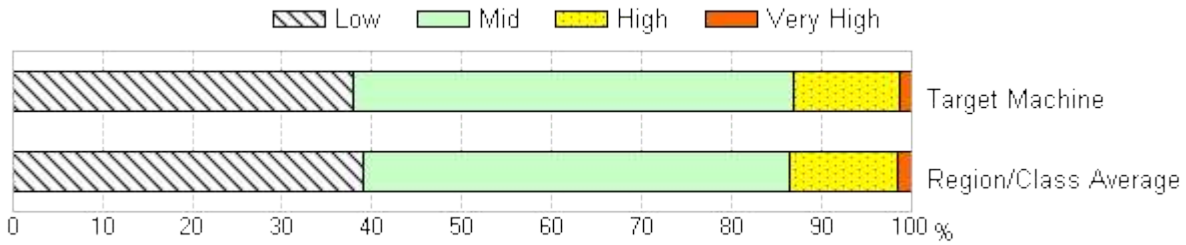
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

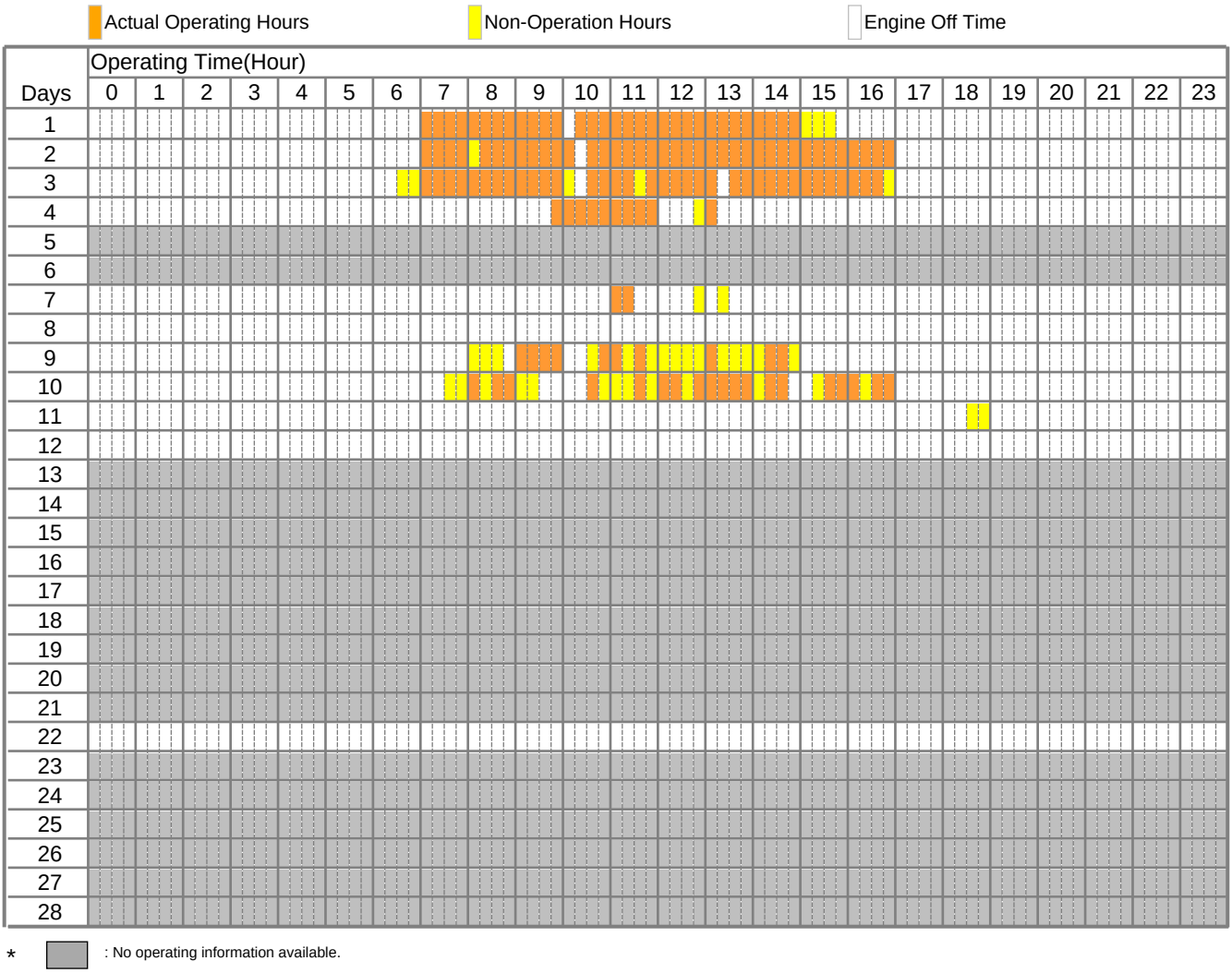
Daily Operating Report		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	45.0 hr(s)
Actual Operating Hours	31.5 hr(s)
Non-Operation Hours	13.5 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003819672-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/02/2022 to 28/02/2022
S/N	308018	Date of Issue	08/03/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003747828-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/02/2022

Reporting Period

01/01/2022 to 31/01/2022

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	2 Days
Machine Operating Hours	8.3 hr(s)
Fuel Consumption	112 l
Ratio of Eco Mode Usage	100 %
ECO Index (Non-Operation Ratio)	[A] B C D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Mid" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	6.8 hr(s)
Non-Operation Hours	1.5 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Operating Conditions

Latest Hour Meter Reading	2,968 hr(s)	Time since Delivery	3Year(s) 1Month(s)
No. of Operating Days	2 Days	Machine Operating Hours	8.3 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
					0.7 / 5	
30	31					
	7.6 / 108					

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	0 %	ECO Mode	100 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	112 l	Over Preceding Month	-211 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	13.5 l/hr	Over Preceding Month	+1.1 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	289 kg	Over Preceding Month	-544 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	17 %(1.5 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient

Comment	Non-Operation ratio is very low. The machine operates efficiently.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	63 %(4.3 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

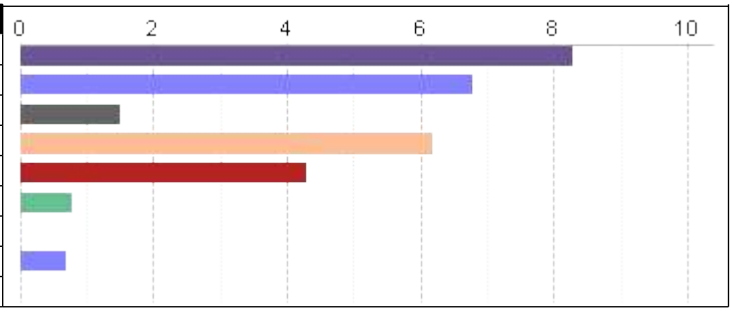
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

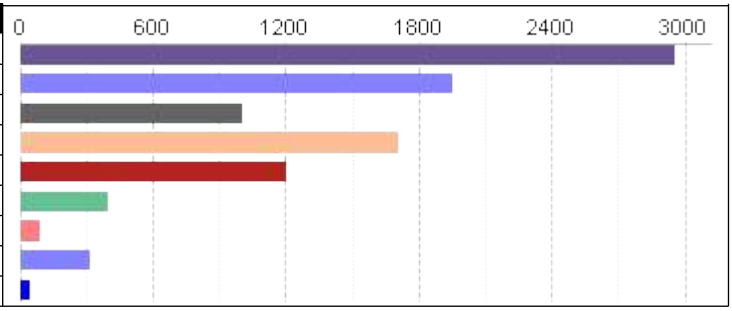
Item	Current Month
Engine Operating Hours	8.3 hr(s)
Actual Operating Hours	6.8 hr(s)
Non-Operation Hours	1.5 hr(s)
Front Operation Hours	6.2 hr(s)
Swing Operation Hours	4.3 hr(s)
Travel Operation Hours	0.8 hr(s)
Fast Speed Mode	0.0 hr(s)
Slow Speed Mode	0.7 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

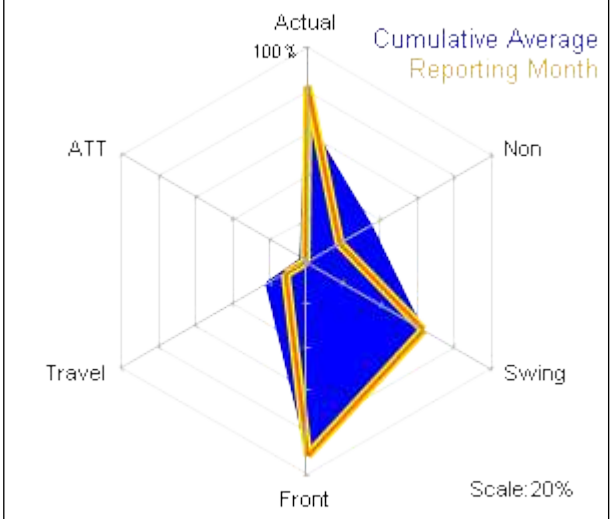
Item	Cumulative Total
Engine Operating Hours	2,961.4 hr(s)
Actual Operating Hours	1,959.4 hr(s)
Non-Operation Hours	1,001.9 hr(s)
Front Operation Hours	1,710.9 hr(s)
Swing Operation Hours	1,207.2 hr(s)
Travel Operation Hours	401.2 hr(s)
Fast Speed Mode	88.5 hr(s)
Slow Speed Mode	316.6 hr(s)
Attachment Operation Hours	47.9 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

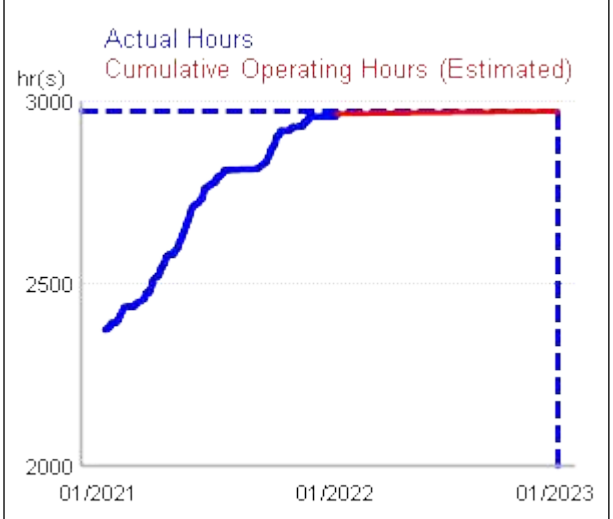
Ratio of Each Operation Hours



Comment	Actual Operation Hours in this month is higher than Cumulative operating average. Non Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	2,975 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
18/06/2026	07/09/2060	28/11/2094	18/02/2129

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

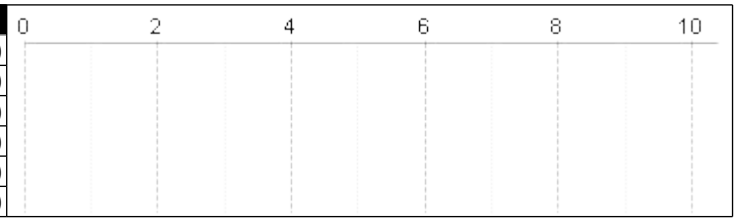
Attachment Operation Hours		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

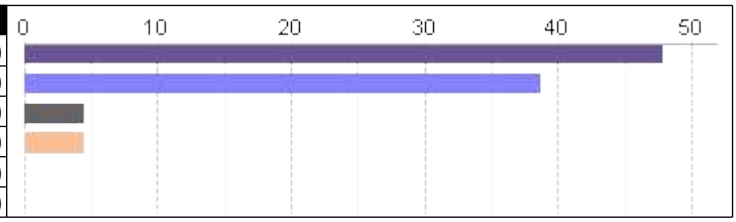
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.9 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

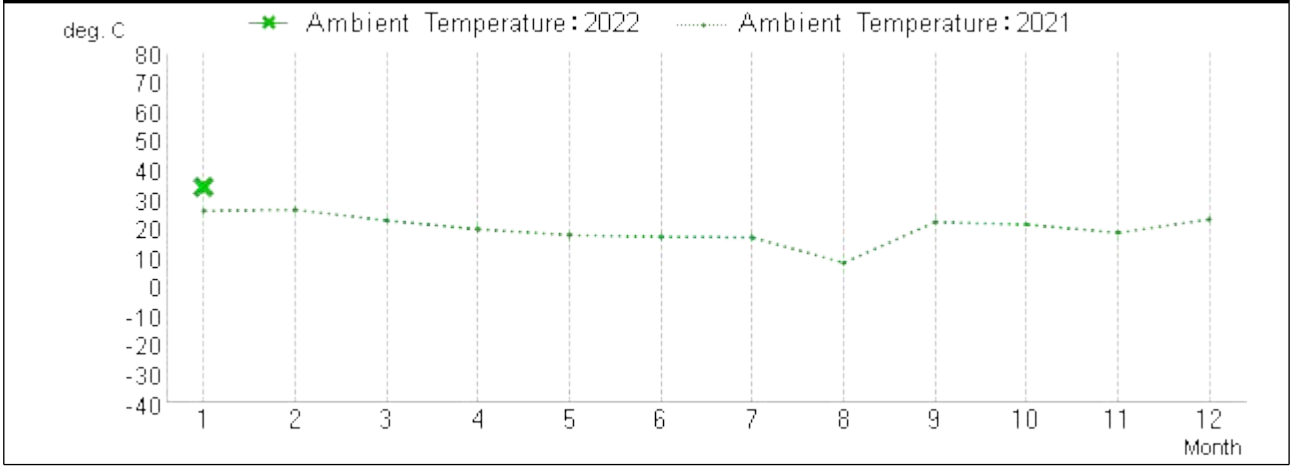
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Transition of Daily Highest Temperatures

The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/01/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures

Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

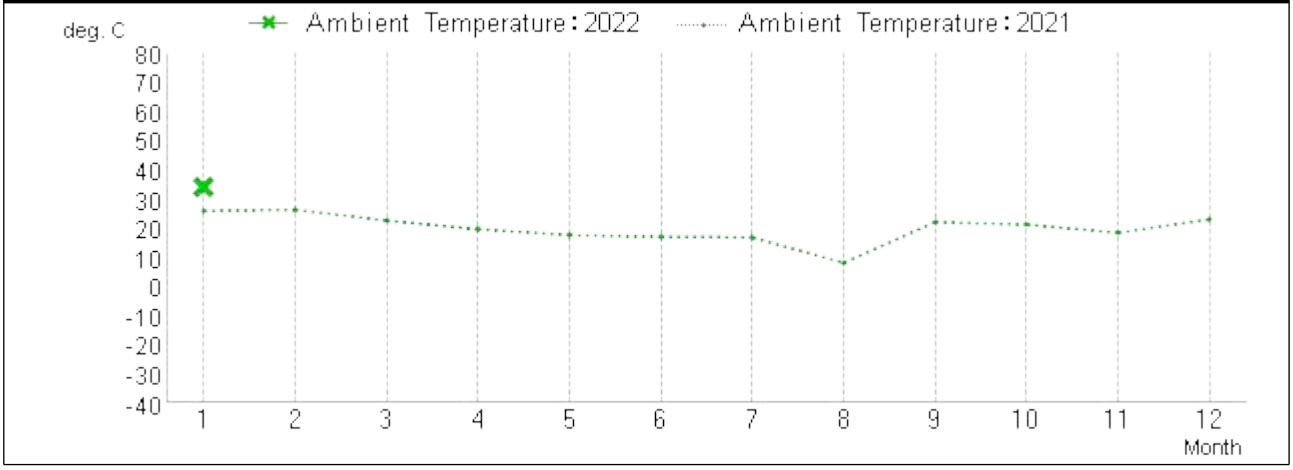
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Transition of Daily Highest Temperatures

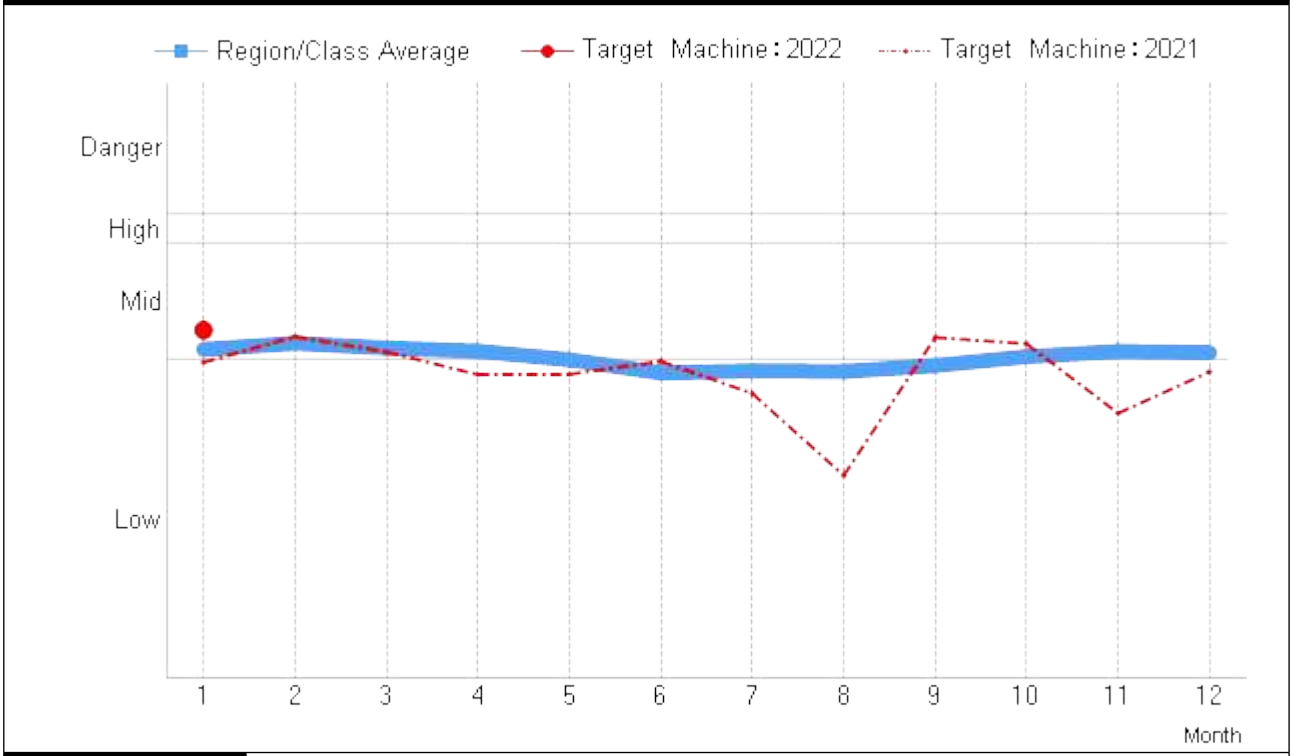
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2021 to 31/01/2022

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

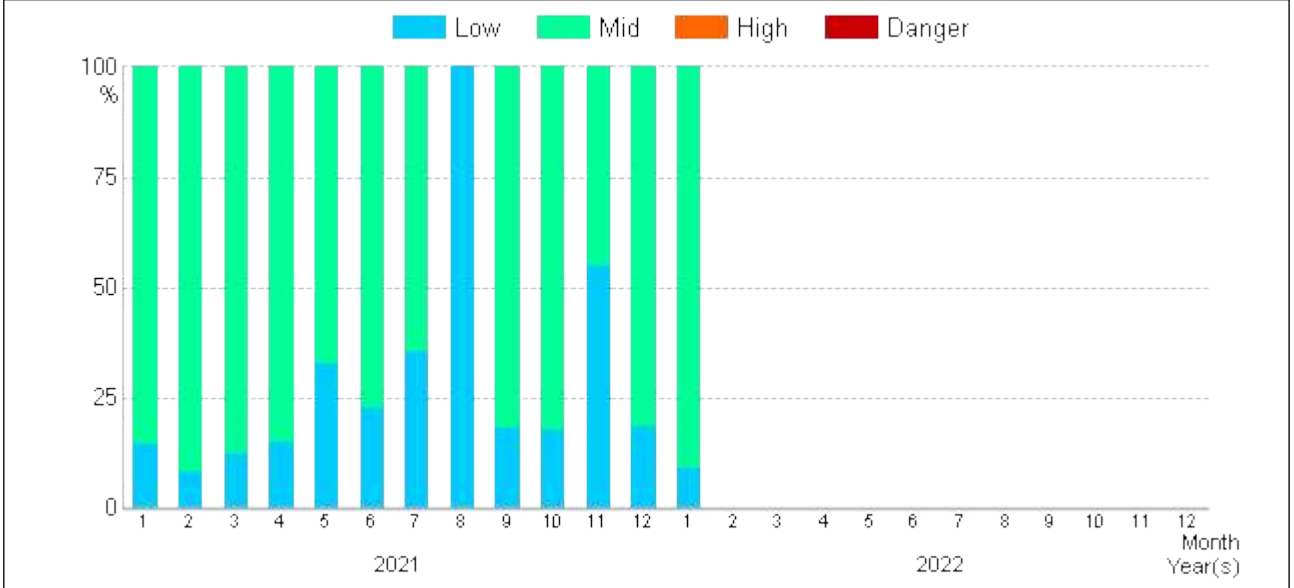
Distribution of Temperatures		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

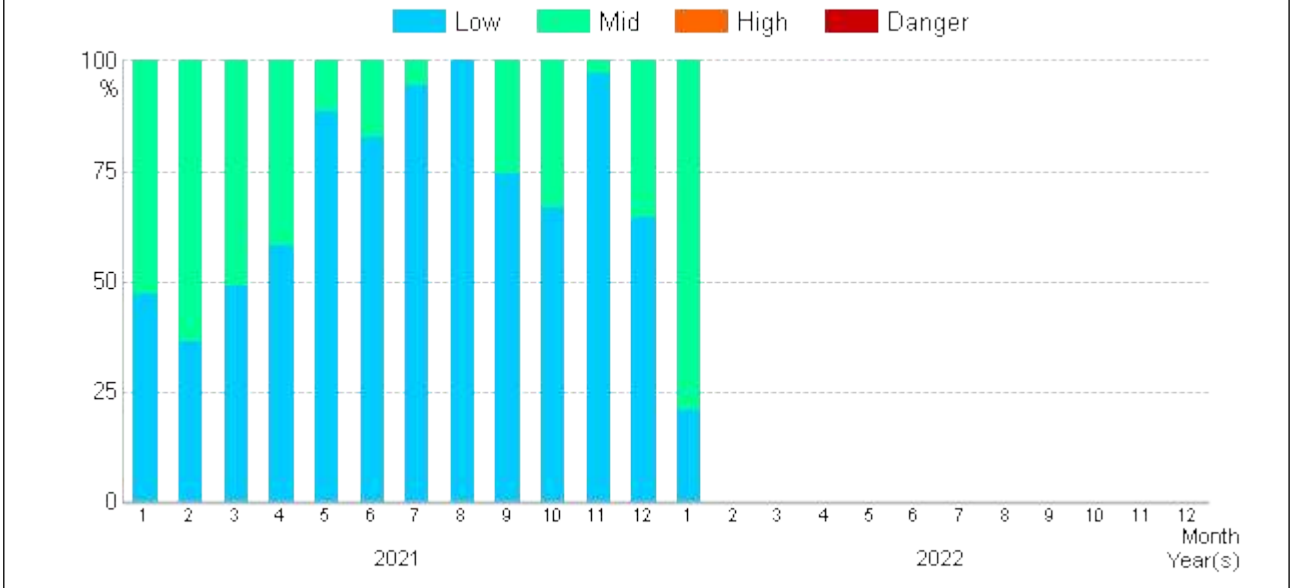
Reporting Period	01/01/2021 to 31/01/2022

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

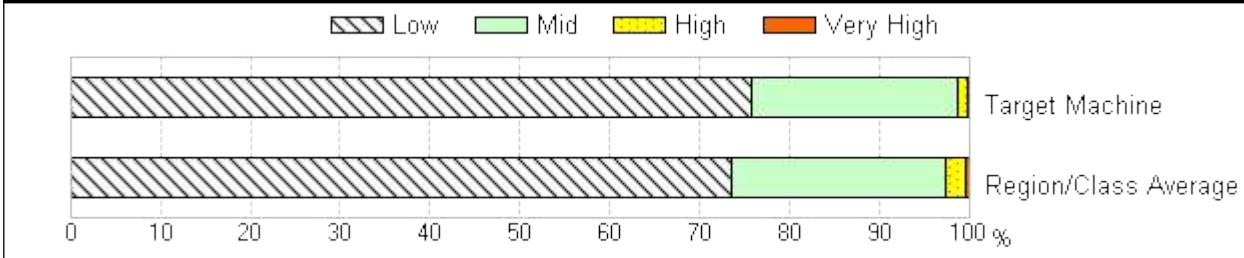
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

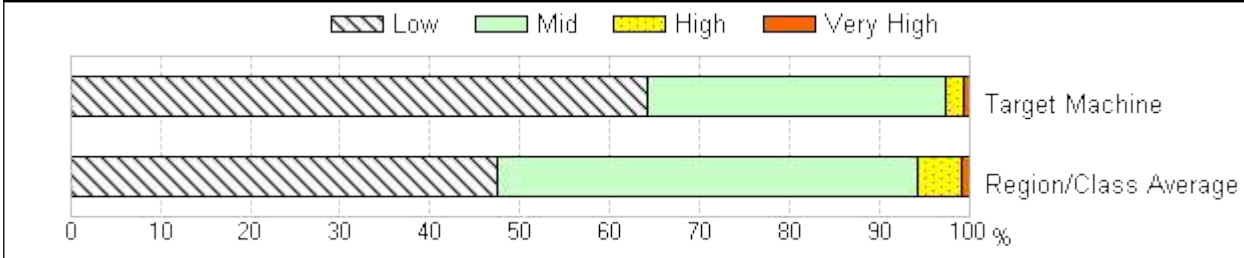
Reporting Period	2,768 hr(s) to 2,968 hr(s)

Pump Pressure



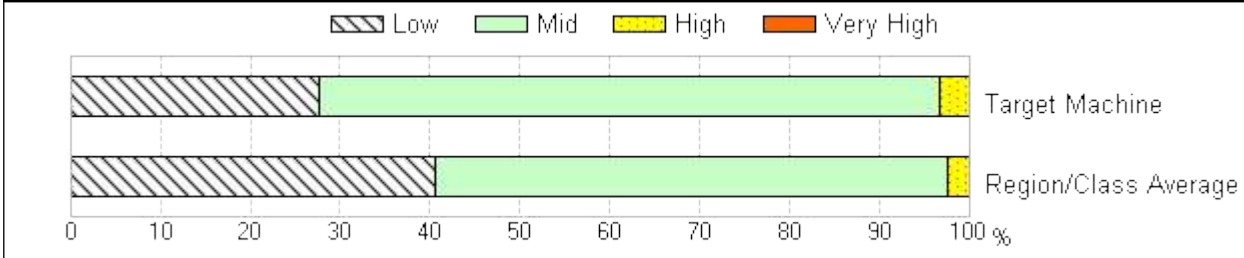
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



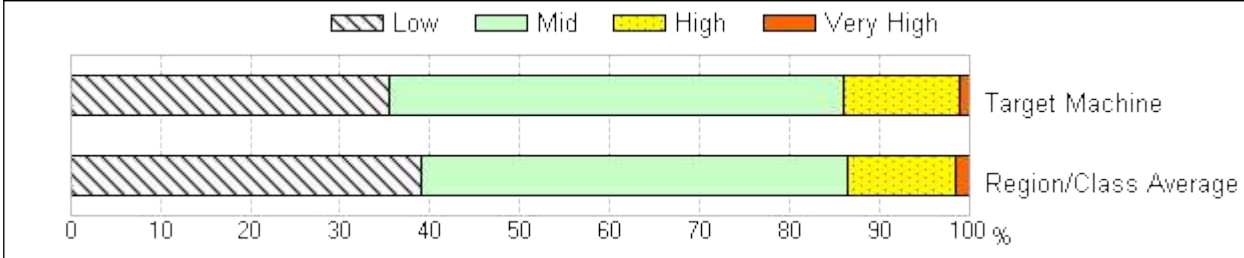
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

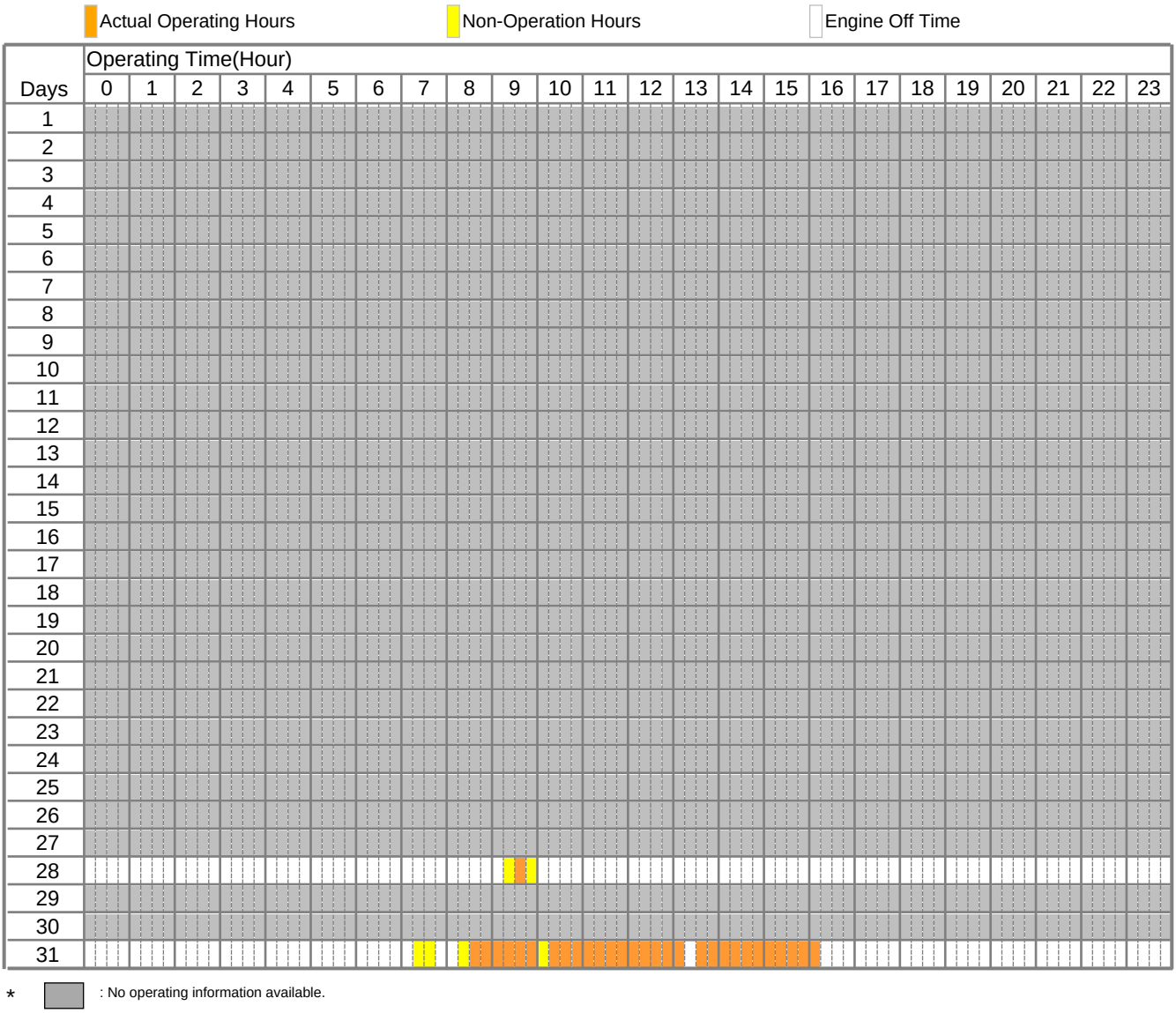
Daily Operating Report		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	8.3 hr(s)
Actual Operating Hours	6.8 hr(s)
Non-Operation Hours	1.5 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003747828-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/01/2022 to 31/01/2022
S/N	308018	Date of Issue	08/02/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003675333-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/01/2022

Reporting Period

01/12/2021 to 31/12/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	6 Days
Machine Operating Hours	19.5 hr(s)
Fuel Consumption	244 l
Ratio of Eco Mode Usage	95 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	13.9 hr(s)
Non-Operation Hours	5.7 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Operating Conditions

Latest Hour Meter Reading	2,953 hr(s)	Time since Delivery	3Year(s) 0Month(s)
No. of Operating Days	6 Days	Machine Operating Hours	19.5 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1	2	3	4
5	6	7	8	9	10	11
0.4	4.7	6.8			0.5	
3	63	77			8	
12	13	14	15	16	17	18
	1.6	5.5				
	21	73				
19	20	21	22	23	24	25
26	27	28	29	30	31	

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	5 %	ECO Mode	95 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	244 l	Over Preceding Month	+149 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	12.5 l/hr	Over Preceding Month	+4.5 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	630 kg	Over Preceding Month	+383 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	28 %(5.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	65 %(9.2 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

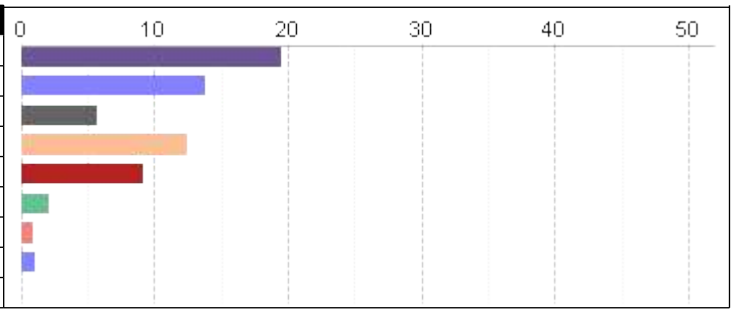
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Operating Hours (Details)

Operating Hours of the Reporting Period

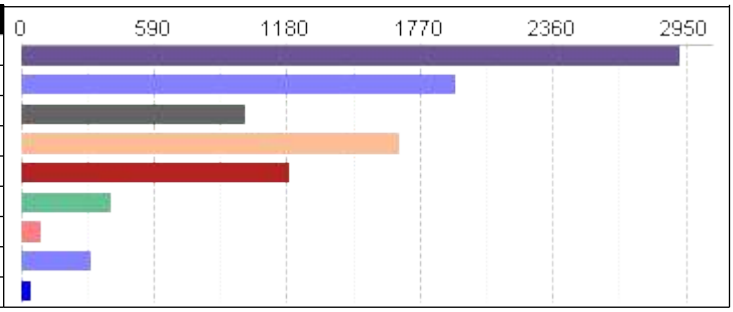
Item	Current Month
Engine Operating Hours	19.5 hr(s)
Actual Operating Hours	13.9 hr(s)
Non-Operation Hours	5.7 hr(s)
Front Operation Hours	12.5 hr(s)
Swing Operation Hours	9.2 hr(s)
Travel Operation Hours	2.1 hr(s)
Fast Speed Mode	0.9 hr(s)
Slow Speed Mode	1.1 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

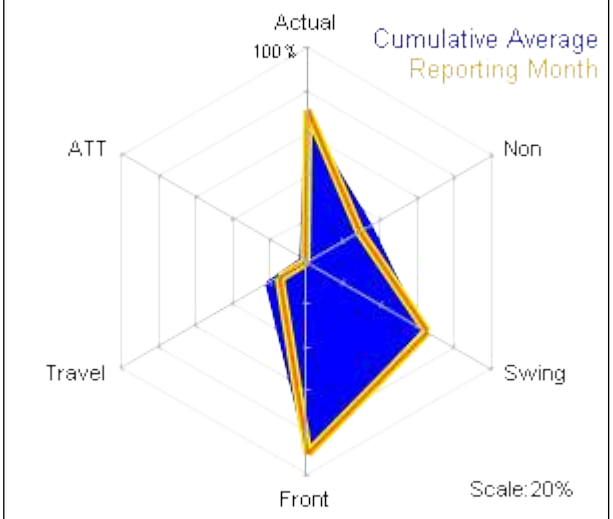
Item	Cumulative Total
Engine Operating Hours	2,928.6 hr(s)
Actual Operating Hours	1,932.2 hr(s)
Non-Operation Hours	996.4 hr(s)
Front Operation Hours	1,686.2 hr(s)
Swing Operation Hours	1,190.0 hr(s)
Travel Operation Hours	399.7 hr(s)
Fast Speed Mode	88.1 hr(s)
Slow Speed Mode	313.4 hr(s)
Attachment Operation Hours	47.9 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

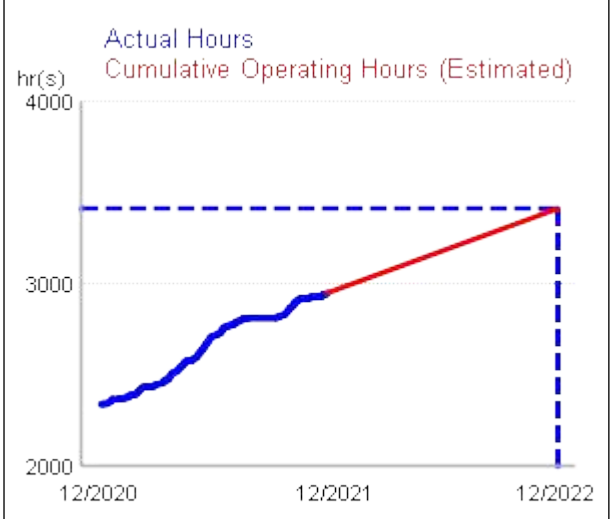
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,417 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
22/01/2022	17/08/2022	11/03/2023	04/10/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

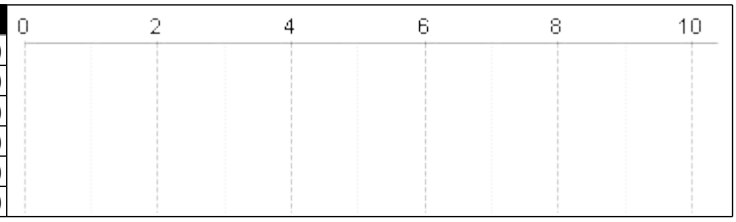
Attachment Operation Hours		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

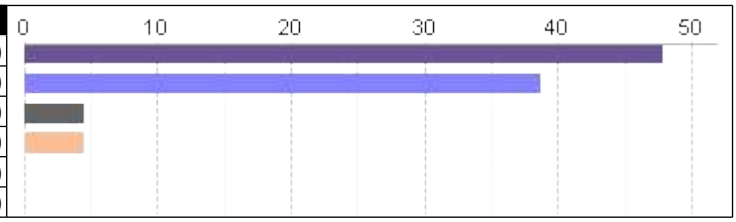
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.9 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

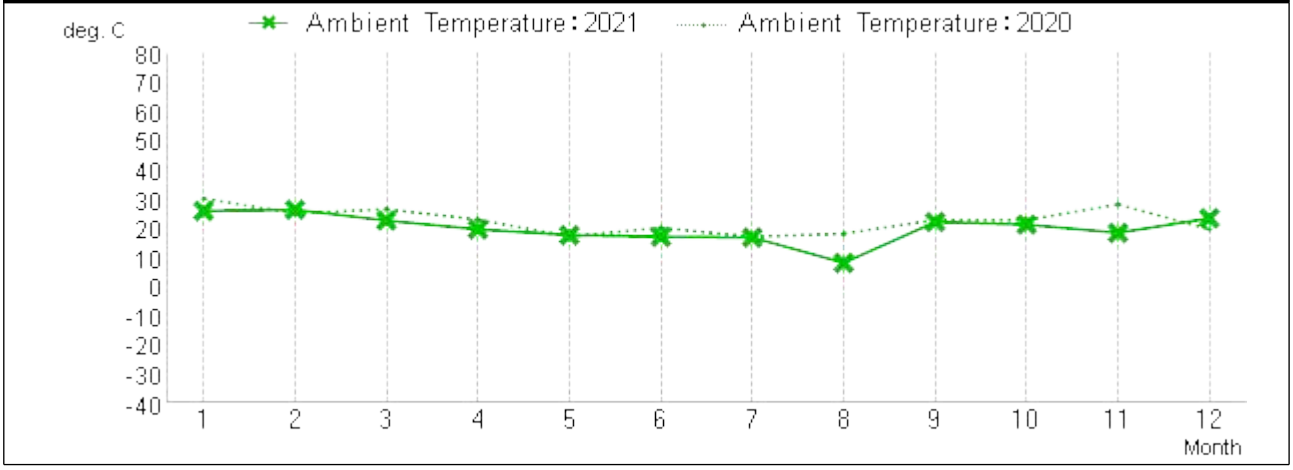
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Transition of Daily Highest Temperatures

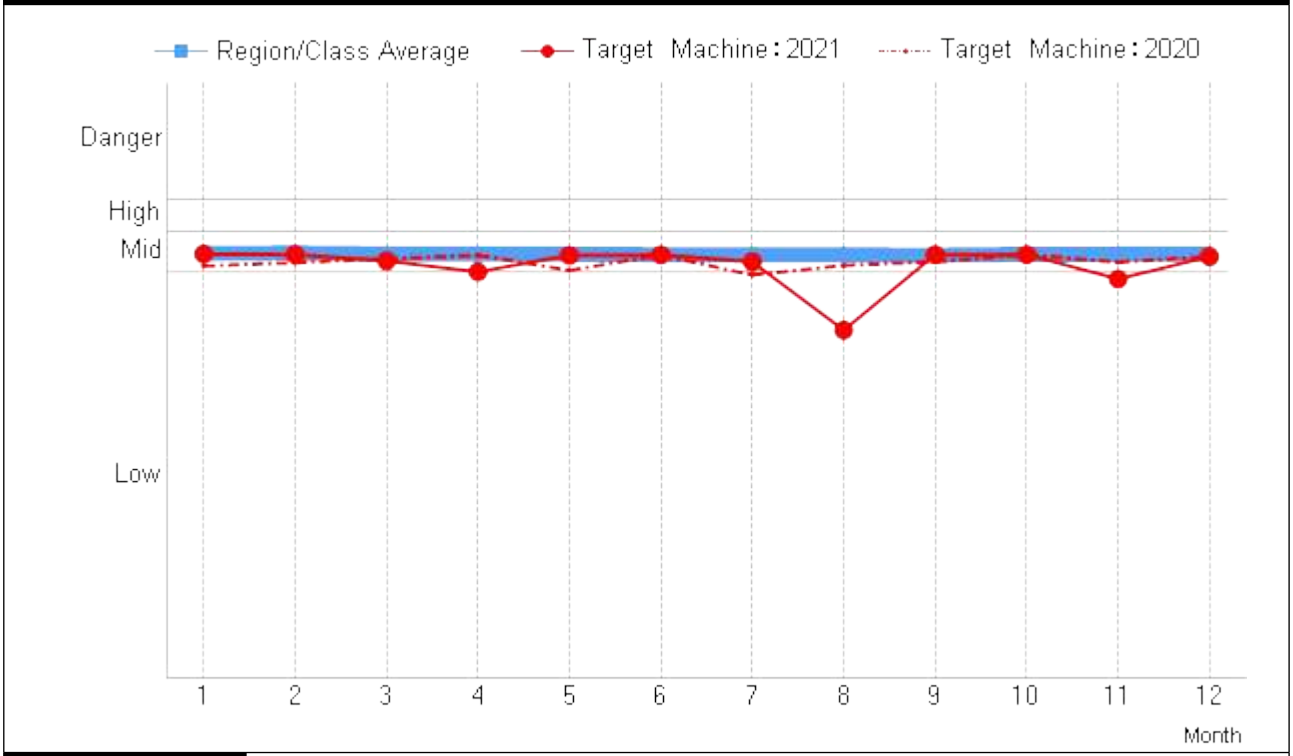
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/12/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

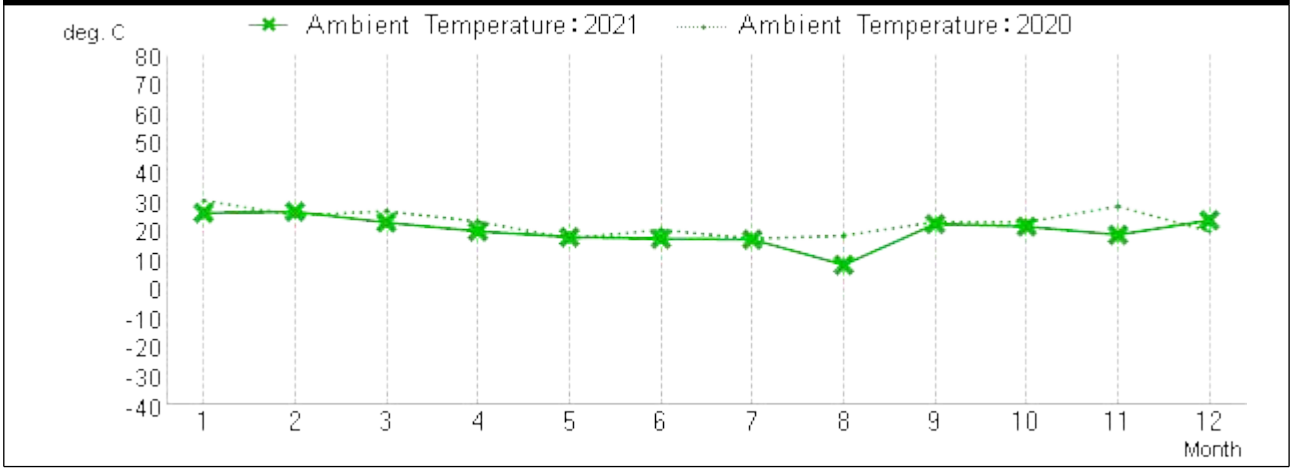
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Transition of Daily Highest Temperatures

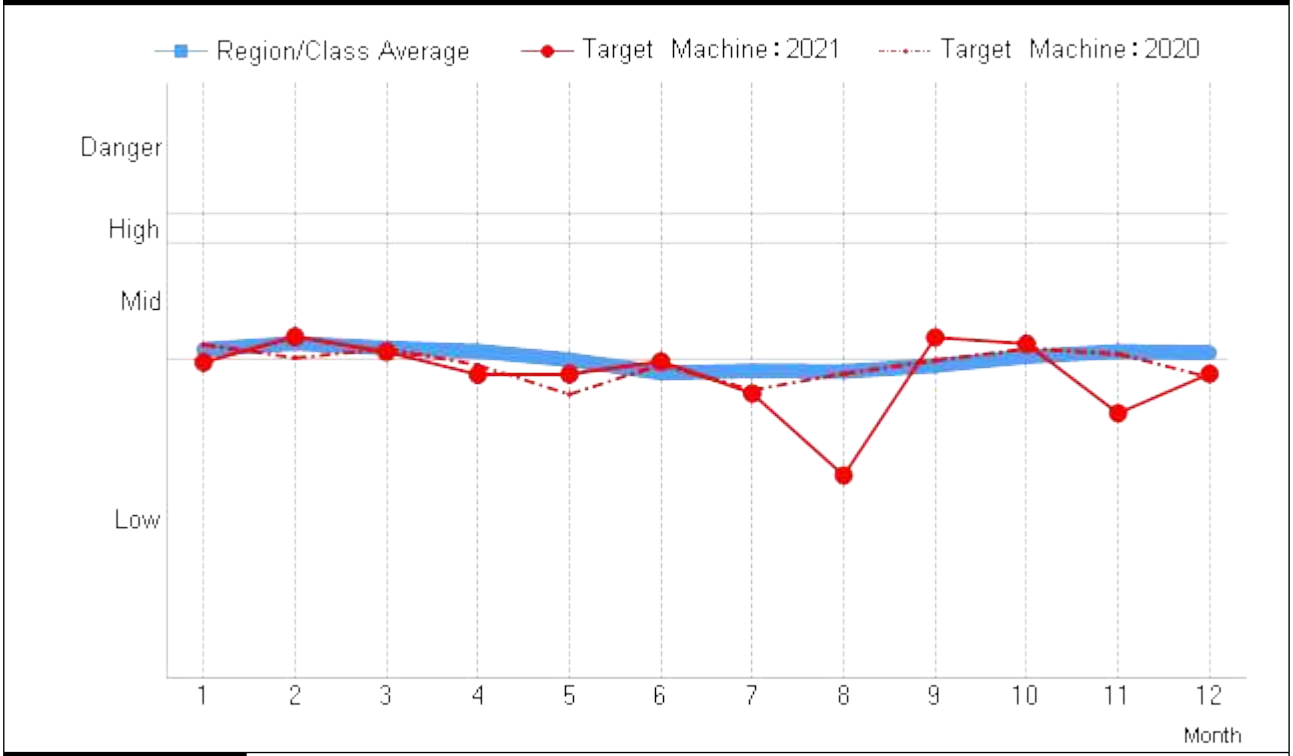
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/12/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

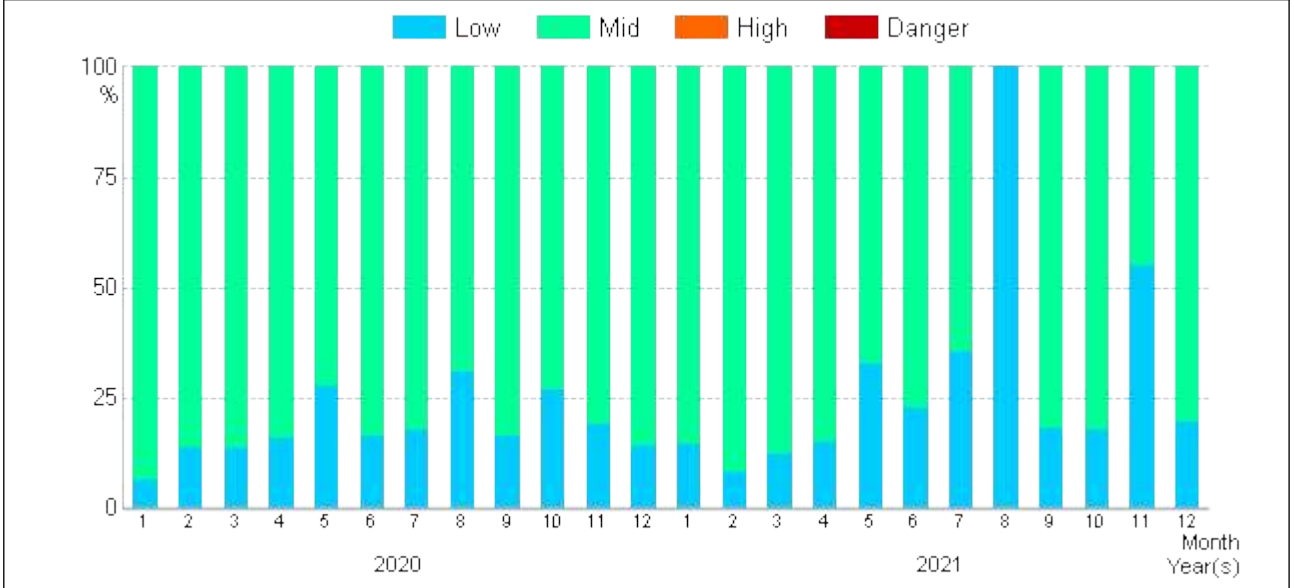
Distribution of Temperatures		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

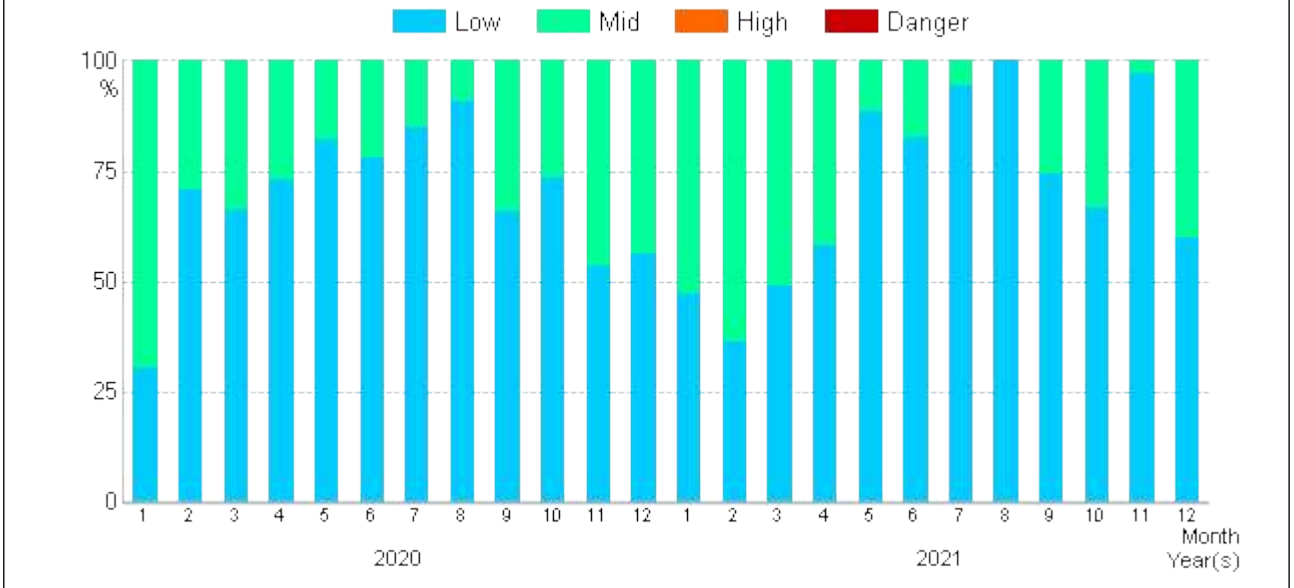
Reporting Period	01/01/2020 to 31/12/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

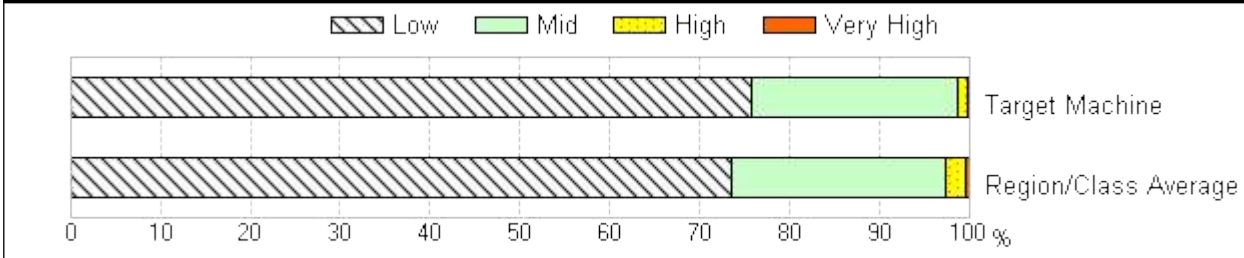
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

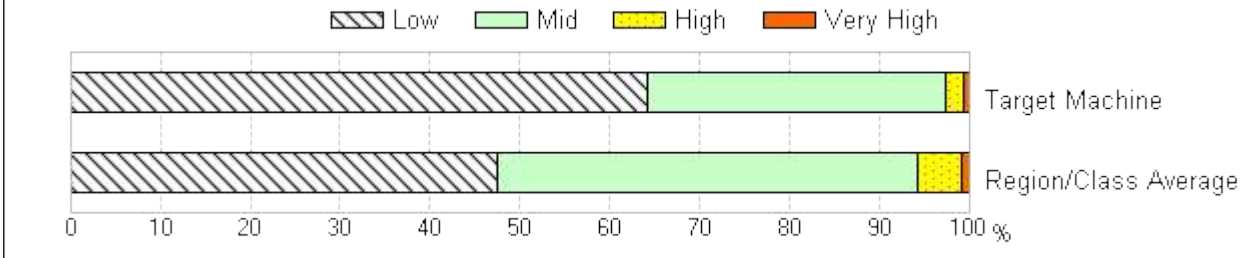
Reporting Period	2,753 hr(s) to 2,953 hr(s)

Pump Pressure



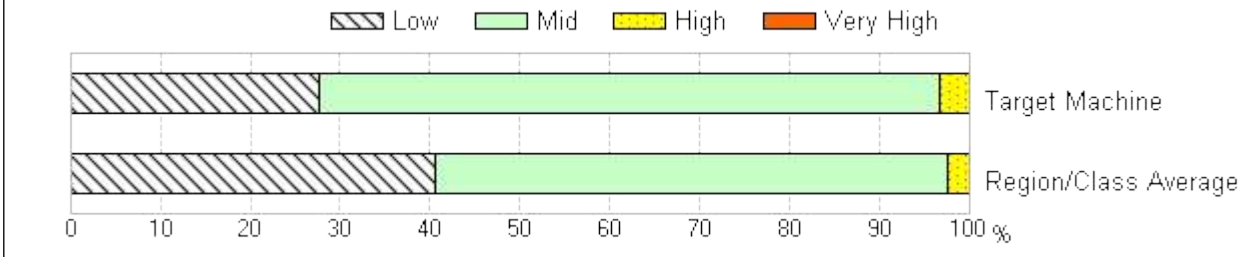
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



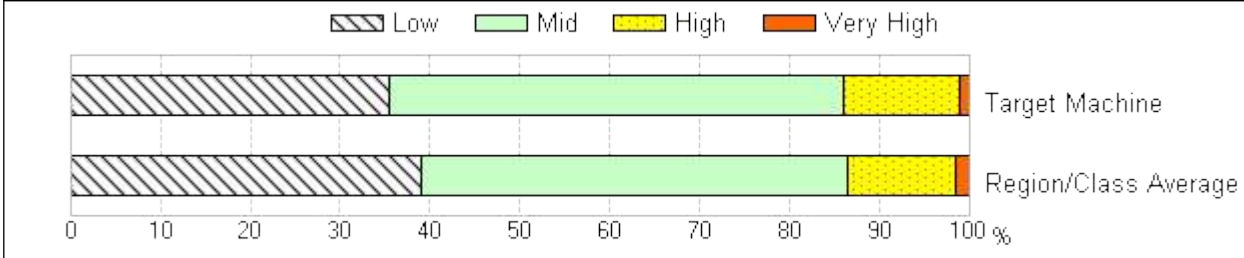
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

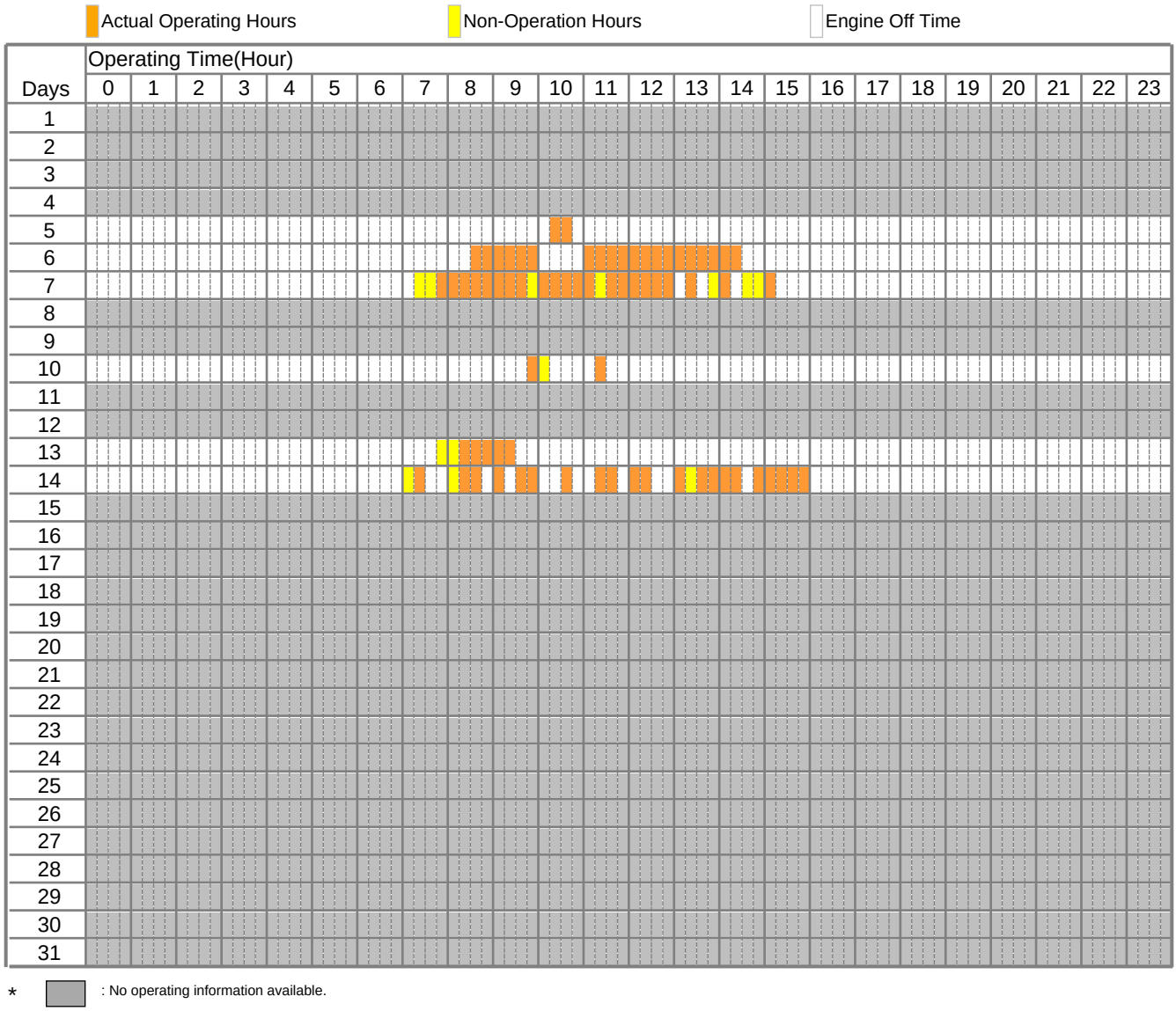
Daily Operating Report		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	19.5 hr(s)
Actual Operating Hours	13.9 hr(s)
Non-Operation Hours	5.7 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003675333-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/12/2021 to 31/12/2021
S/N	308018	Date of Issue	08/01/2022

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

ConSite

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003603081-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/12/2021

Reporting Period

01/11/2021 to 30/11/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	5 Days
Machine Operating Hours	9.9 hr(s)
Fuel Consumption	75 l
Ratio of Eco Mode Usage	76 %
ECO Index (Non-Operation Ratio)	A B C [D]
ECO Index (Swing Operation Ratio)	[A] B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	4.6 hr(s)
Non-Operation Hours	5.3 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Operating Conditions

Latest Hour Meter Reading	2,931 hr(s)	Time since Delivery	2Year(s) 11Month(s)
No. of Operating Days	5 Days	Machine Operating Hours	9.9 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	1	2	3	4	5	6
7	8	9	10	11	12	13
						0.5
						3
14	15	16	17	18	19	20
	5.4	3.9			0.1	0.1
	46	26			1	0
21	22	23	24	25	26	27
28	29	30				

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	24 %	ECO Mode	76 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	75 l	Over Preceding Month	-1,210 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	7.6 l/hr	Over Preceding Month	-6.3 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	194 kg	Over Preceding Month	-3,122 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	53 %(5.3 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is very high. Fuel consumption can be reduced a lot by stopping the engine during waiting time or short rest. Also, there is a possibility that a mechanical or electrical problem might have contributed to the high non-operation hours.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	50 %(2.3 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is very low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

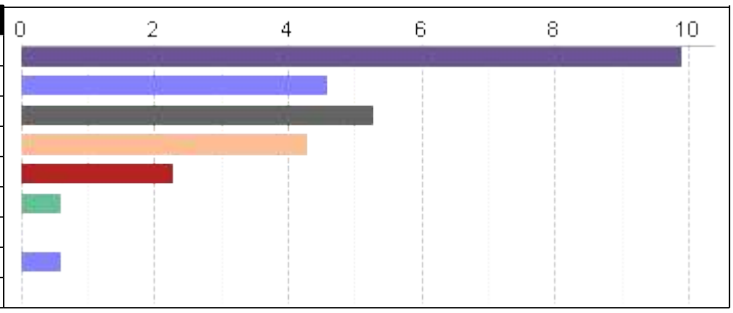
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

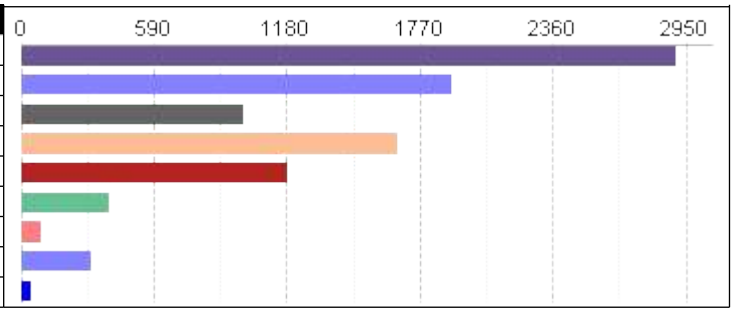
Item	Current Month
Engine Operating Hours	9.9 hr(s)
Actual Operating Hours	4.6 hr(s)
Non-Operation Hours	5.3 hr(s)
Front Operation Hours	4.3 hr(s)
Swing Operation Hours	2.3 hr(s)
Travel Operation Hours	0.6 hr(s)
Fast Speed Mode	0.0 hr(s)
Slow Speed Mode	0.6 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

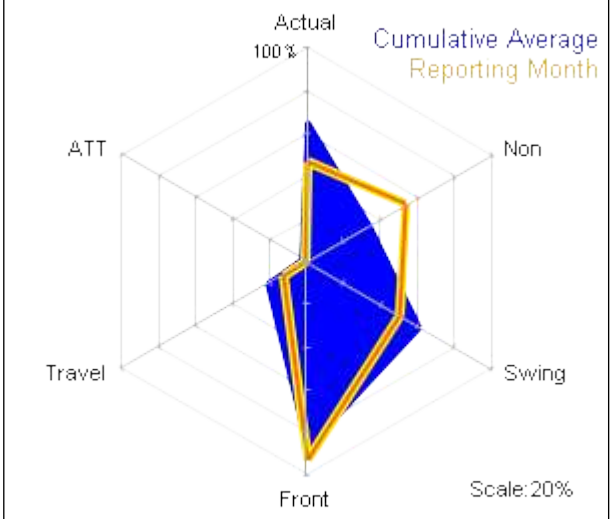
Item	Cumulative Total
Engine Operating Hours	2,907.0 hr(s)
Actual Operating Hours	1,917.0 hr(s)
Non-Operation Hours	990.0 hr(s)
Front Operation Hours	1,672.5 hr(s)
Swing Operation Hours	1,180.3 hr(s)
Travel Operation Hours	397.4 hr(s)
Fast Speed Mode	87.1 hr(s)
Slow Speed Mode	312.1 hr(s)
Attachment Operation Hours	47.8 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

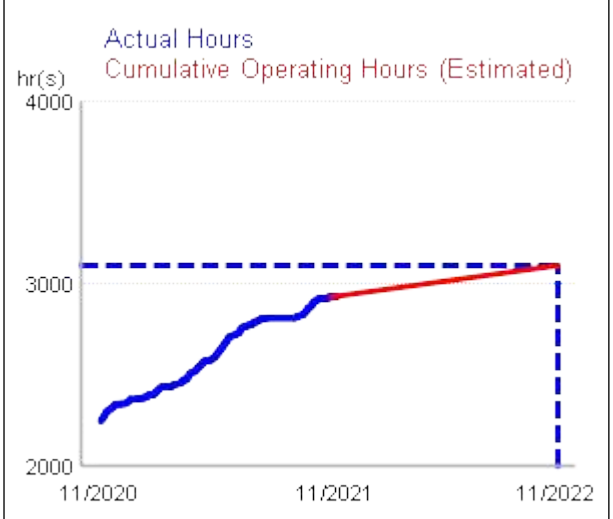
Ratio of Each Operation Hours



Comment	Non Operation Hours in this month is higher than Cumulative operating average. Actual,Swing Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,104 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
19/04/2022	14/10/2023	10/04/2025	05/10/2026

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

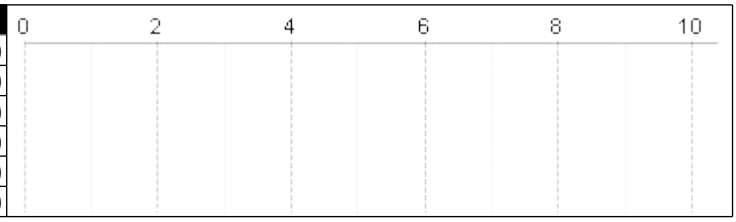
Attachment Operation Hours		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

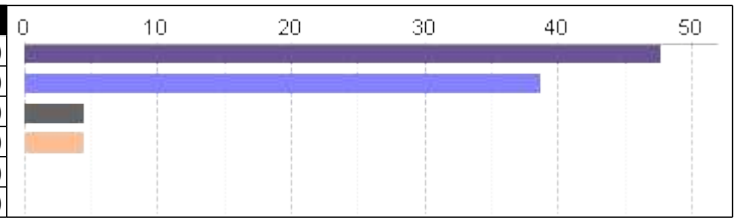
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.8 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



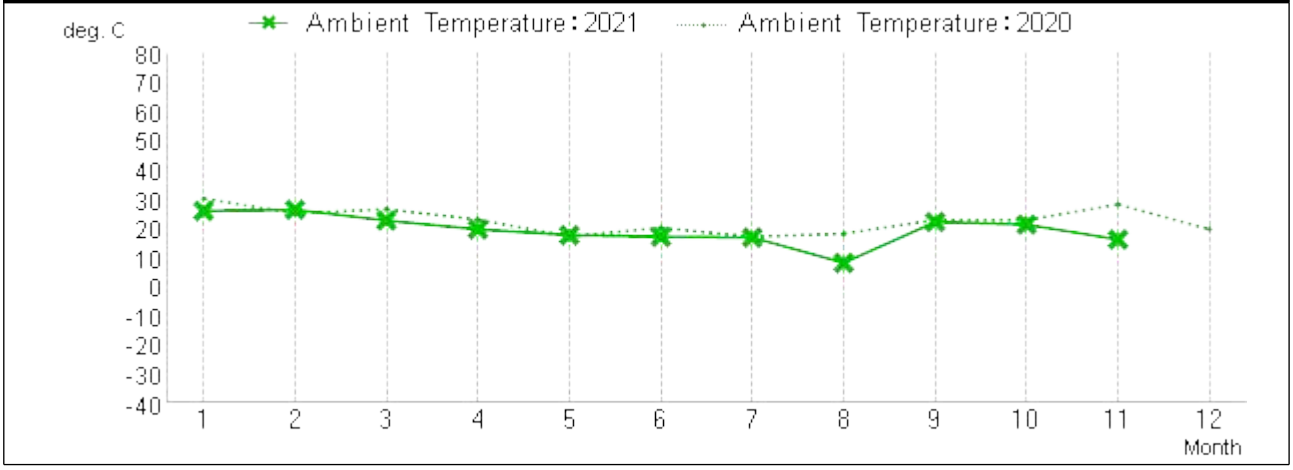
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Transition of Daily Highest Temperatures

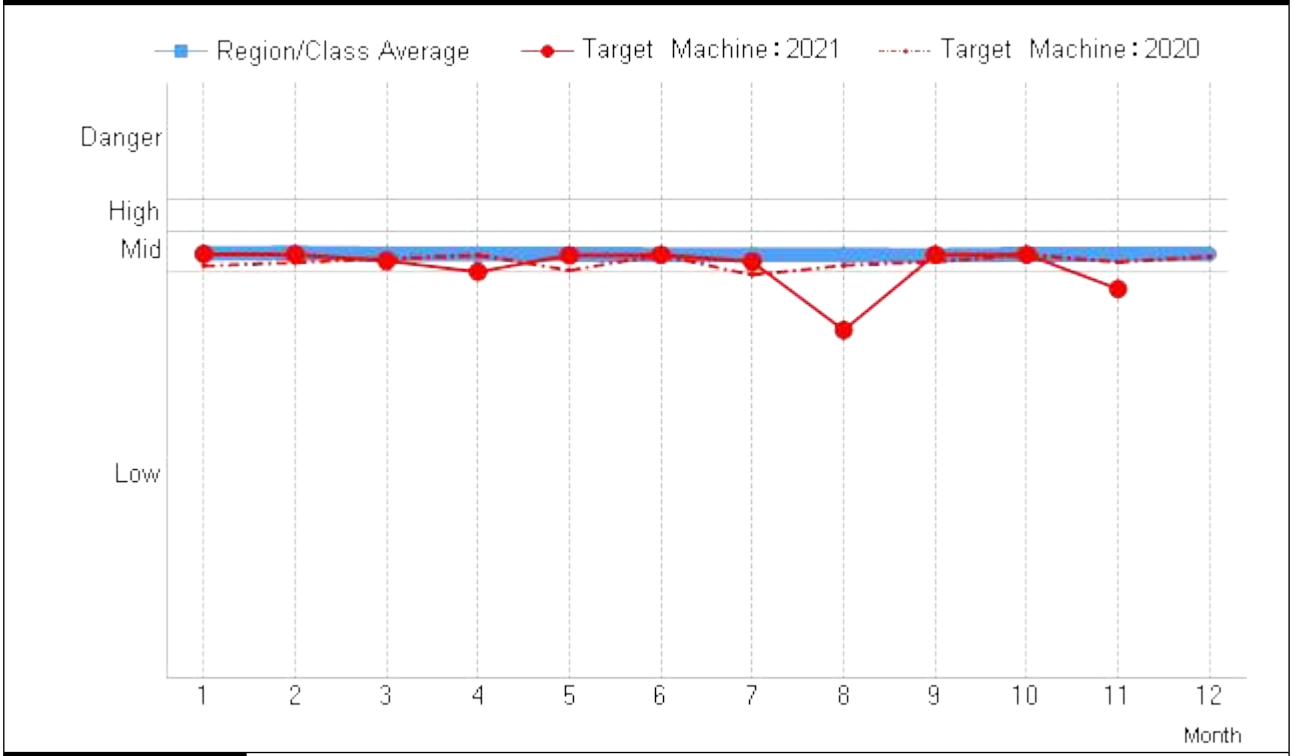
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/11/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

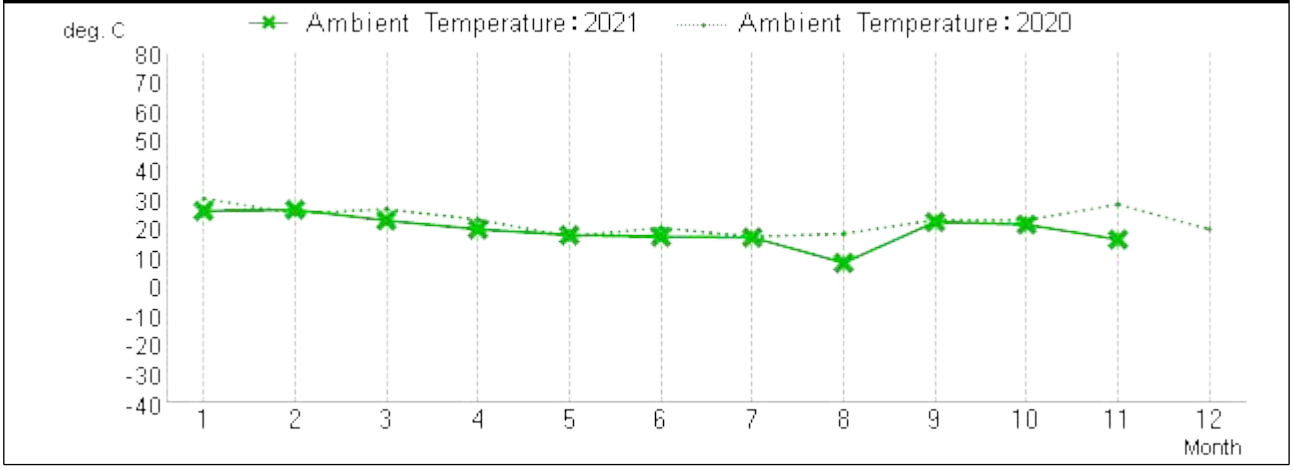
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Transition of Daily Highest Temperatures

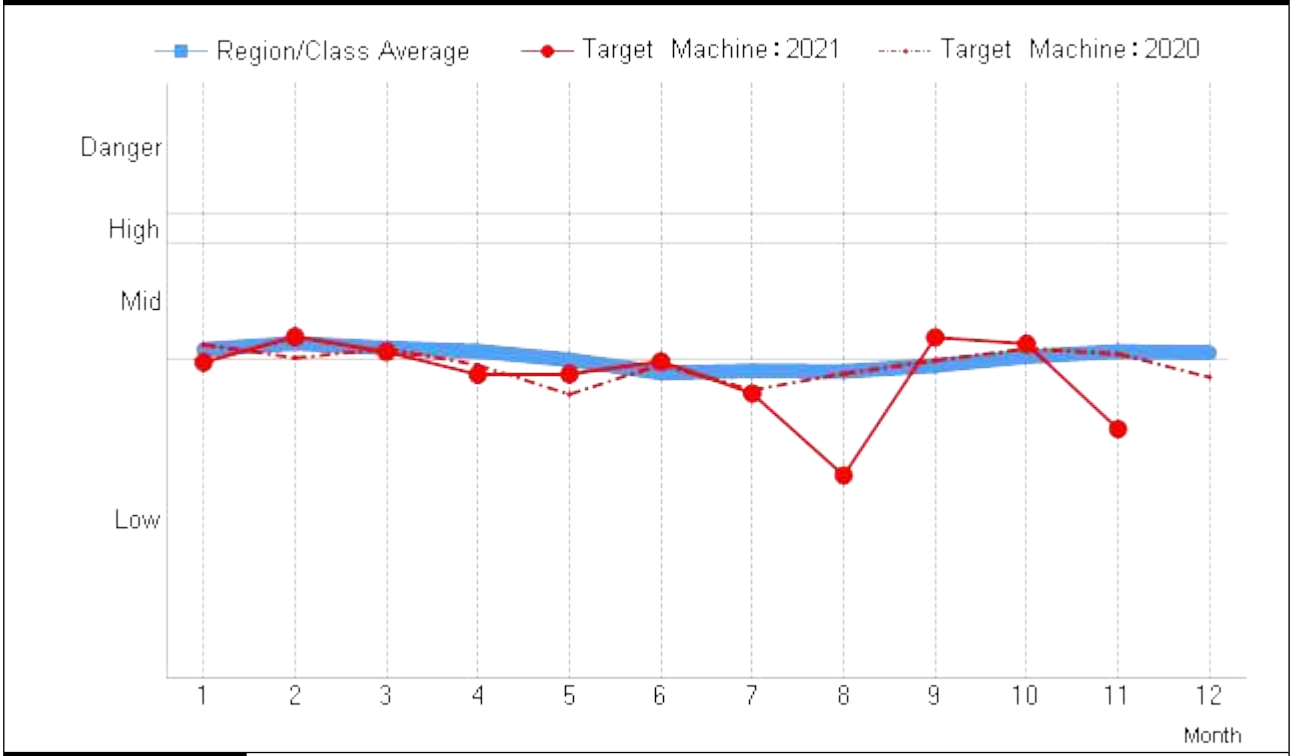
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/11/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

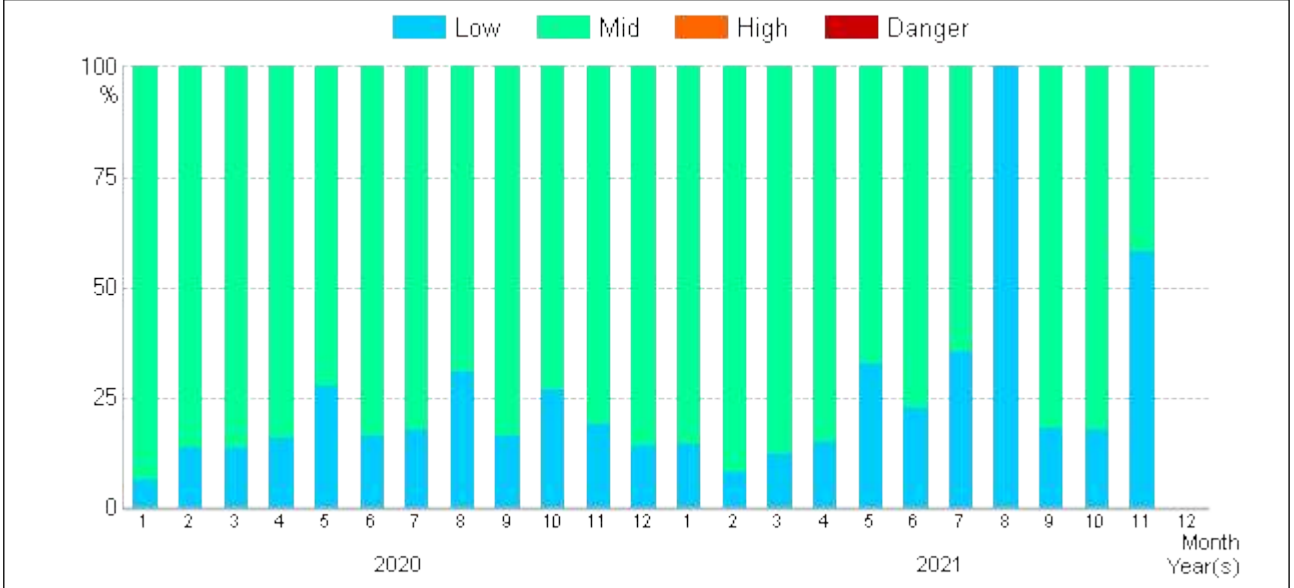
Distribution of Temperatures		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

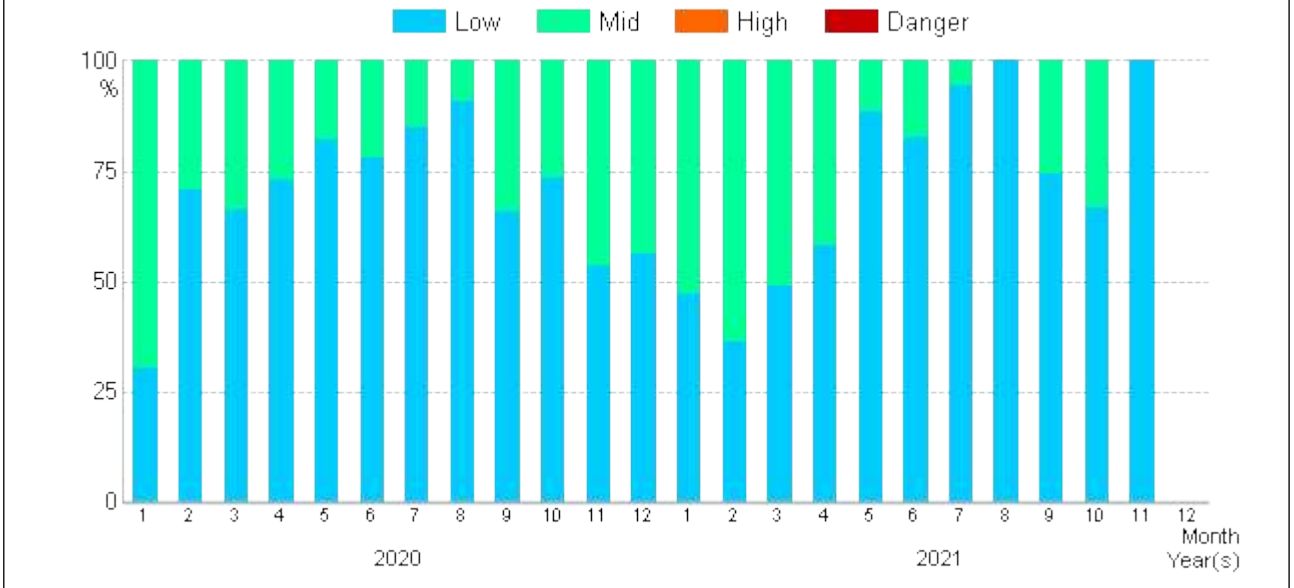
Reporting Period	01/01/2020 to 30/11/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

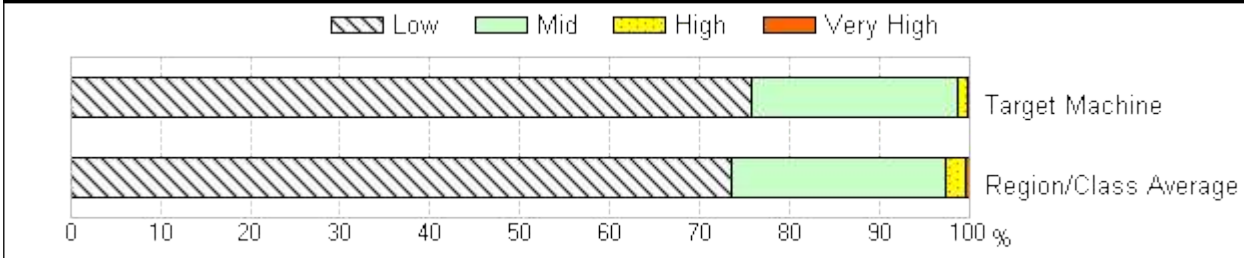
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

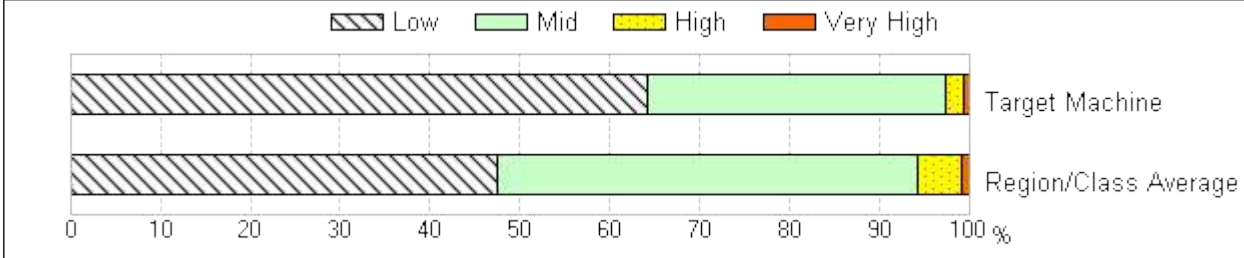
Reporting Period	2,731 hr(s) to 2,931 hr(s)

Pump Pressure



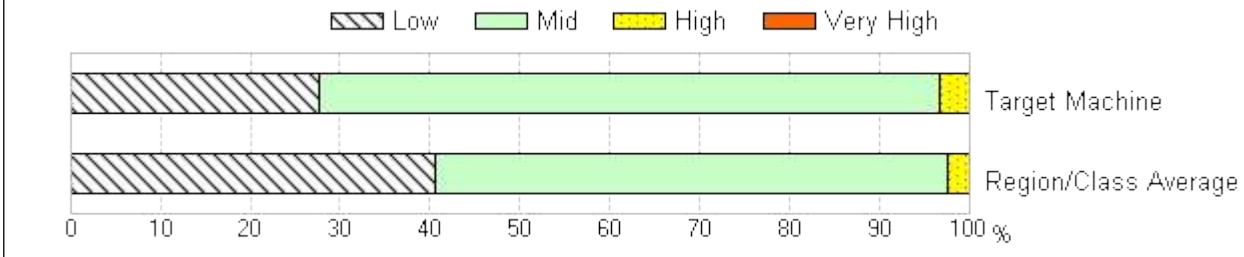
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



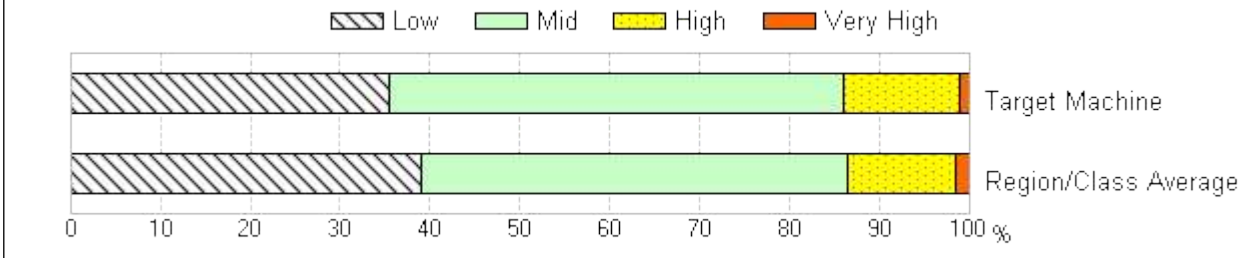
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

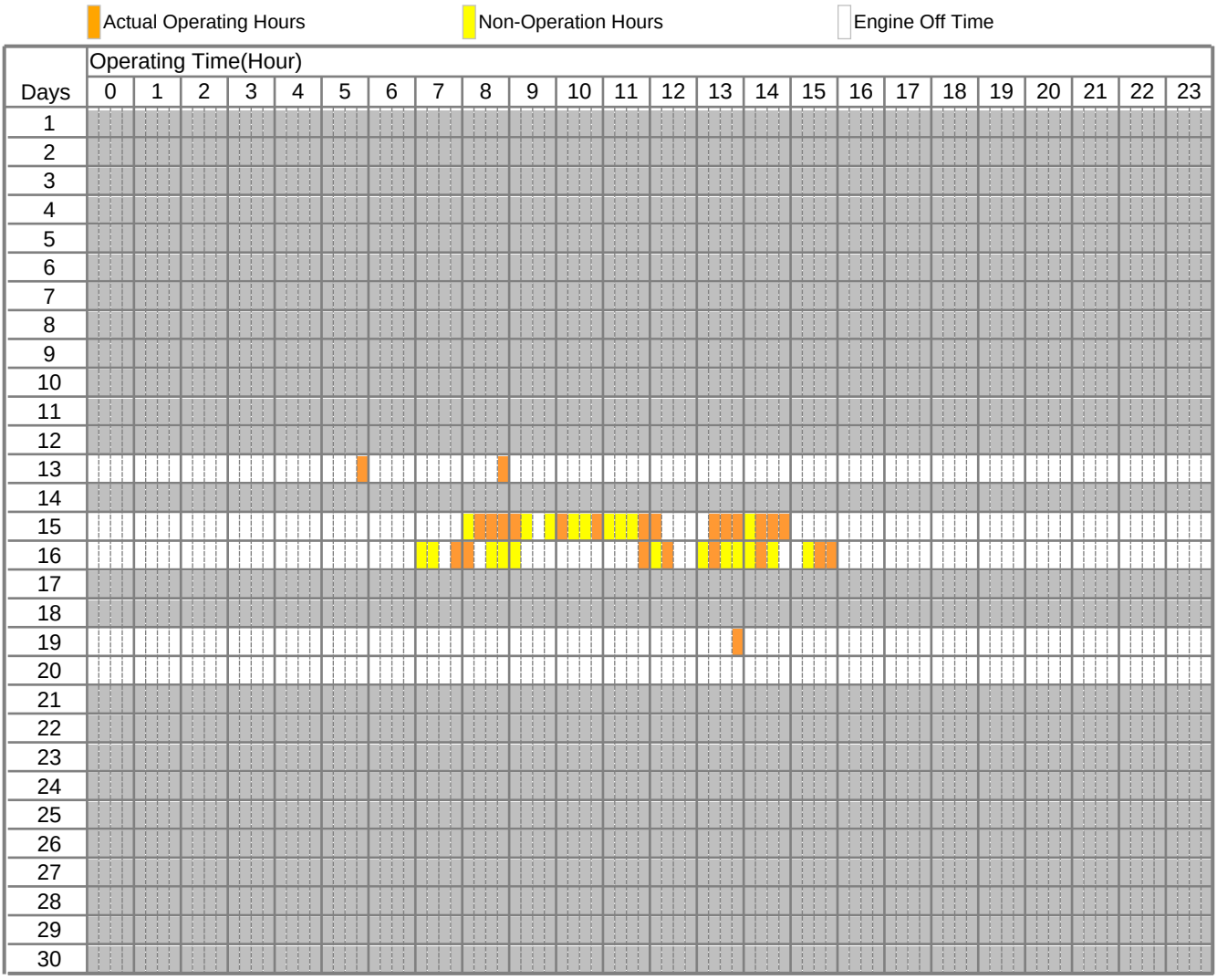
Daily Operating Report		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	9.9 hr(s)
Actual Operating Hours	4.6 hr(s)
Non-Operation Hours	5.3 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Alarm Issuance History		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003603081-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/11/2021 to 30/11/2021
S/N	308018	Date of Issue	08/12/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003528792-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/11/2021

Reporting Period

01/10/2021 to 31/10/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	13 Days
Machine Operating Hours	79.9 hr(s)
Fuel Consumption	1,075 l
Ratio of Eco Mode Usage	71 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	56.1 hr(s)
Non-Operation Hours	23.9 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Operating Conditions

Latest Hour Meter Reading	2,908 hr(s)	Time since Delivery	2Year(s) 10Month(s)
No. of Operating Days	13 Days	Machine Operating Hours	79.9 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
					1	2
3	4	5	6	7	8	9
		5.9 / 60	6.0 / 76		7.5 / 112	
10	11	12	13	14	15	16
	8.8 / 125	7.6 / 109	5.5 / 75	0.4 / 5	5.5 / 73	
17	18	19	20	21	22	23
		6.9 / 87	5.9 / 83	9.8 / 131	7.7 / 100	
24	25	26	27	28	29	30
		2.7 / 41				
31						

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	29 %	ECO Mode	71 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,075 l	Over Preceding Month	+883 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	13.4 l/hr	Over Preceding Month	-0.8 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	2,772 kg	Over Preceding Month	+2,277 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	29 %(23.9 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	61 %(34.7 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

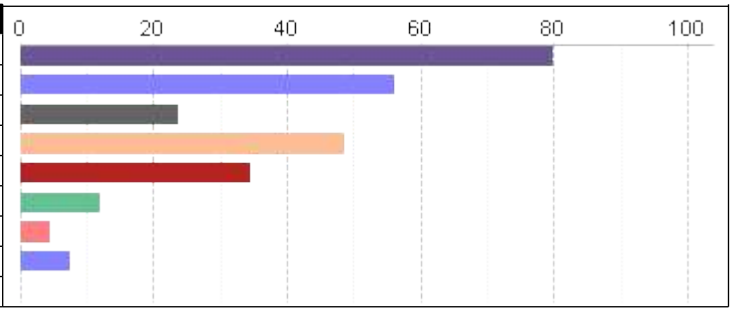
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

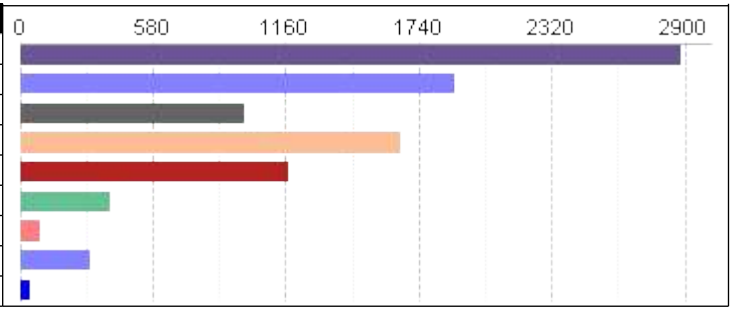
Item	Current Month
Engine Operating Hours	79.9 hr(s)
Actual Operating Hours	56.1 hr(s)
Non-Operation Hours	23.9 hr(s)
Front Operation Hours	48.7 hr(s)
Swing Operation Hours	34.7 hr(s)
Travel Operation Hours	12.1 hr(s)
Fast Speed Mode	4.7 hr(s)
Slow Speed Mode	7.5 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

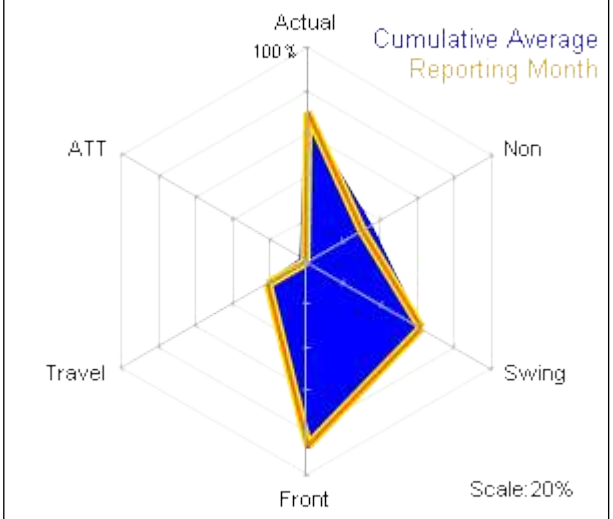
Item	Cumulative Total
Engine Operating Hours	2,884.0 hr(s)
Actual Operating Hours	1,901.4 hr(s)
Non-Operation Hours	982.7 hr(s)
Front Operation Hours	1,659.5 hr(s)
Swing Operation Hours	1,171.9 hr(s)
Travel Operation Hours	393.6 hr(s)
Fast Speed Mode	86.6 hr(s)
Slow Speed Mode	308.9 hr(s)
Attachment Operation Hours	47.8 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

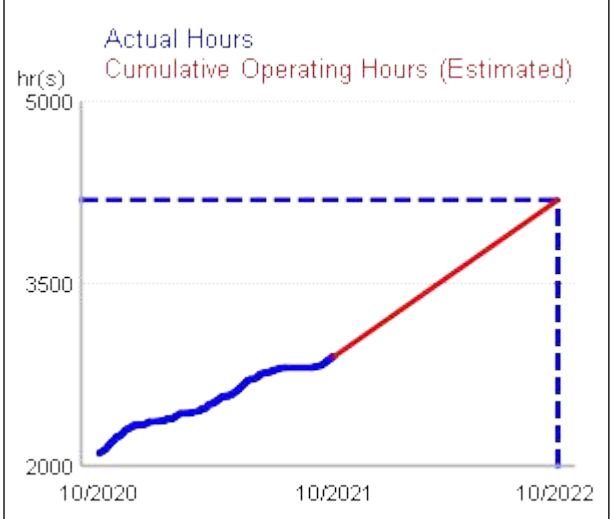
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,196 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
22/11/2021	02/02/2022	15/04/2022	26/06/2022

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

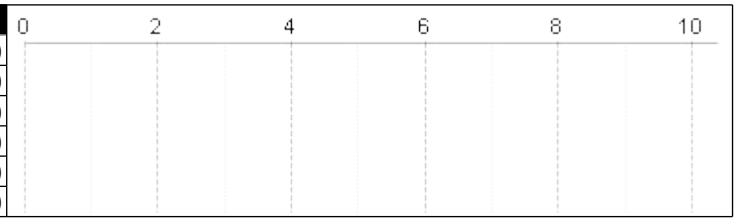
Attachment Operation Hours		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

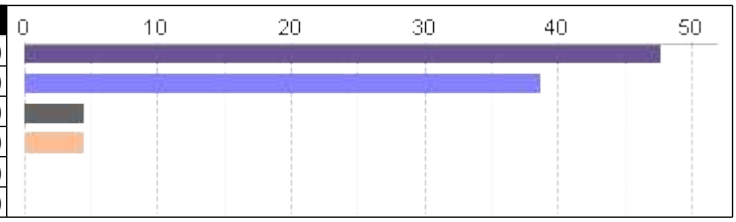
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.8 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

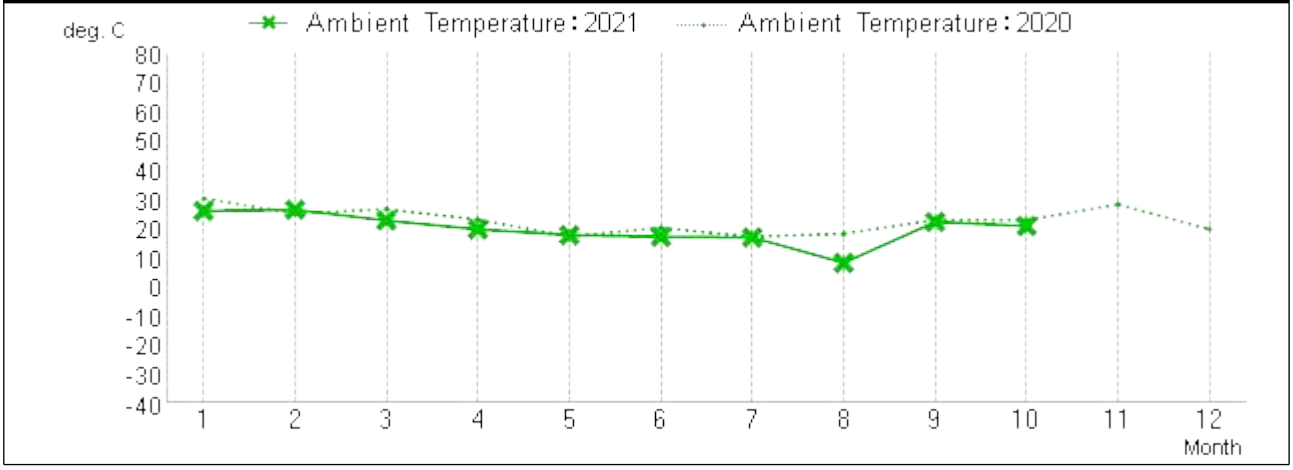
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Transition of Daily Highest Temperatures

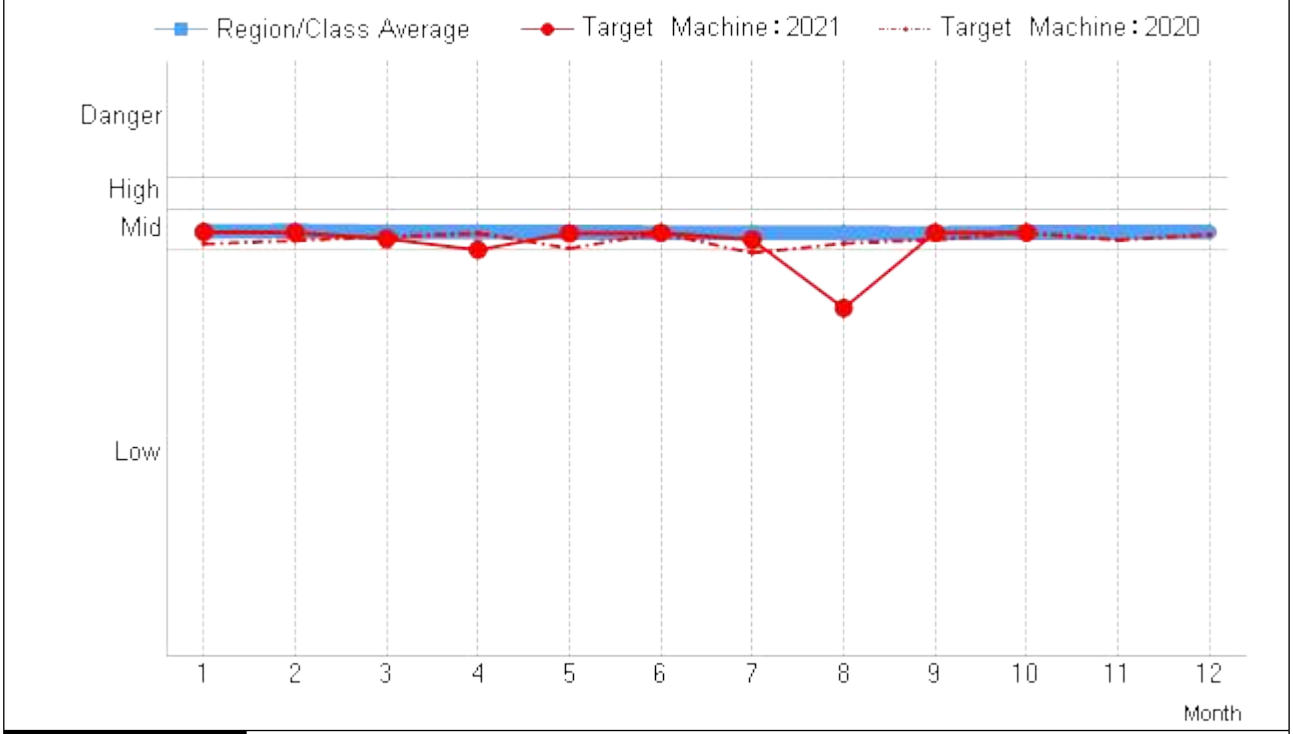
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/10/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

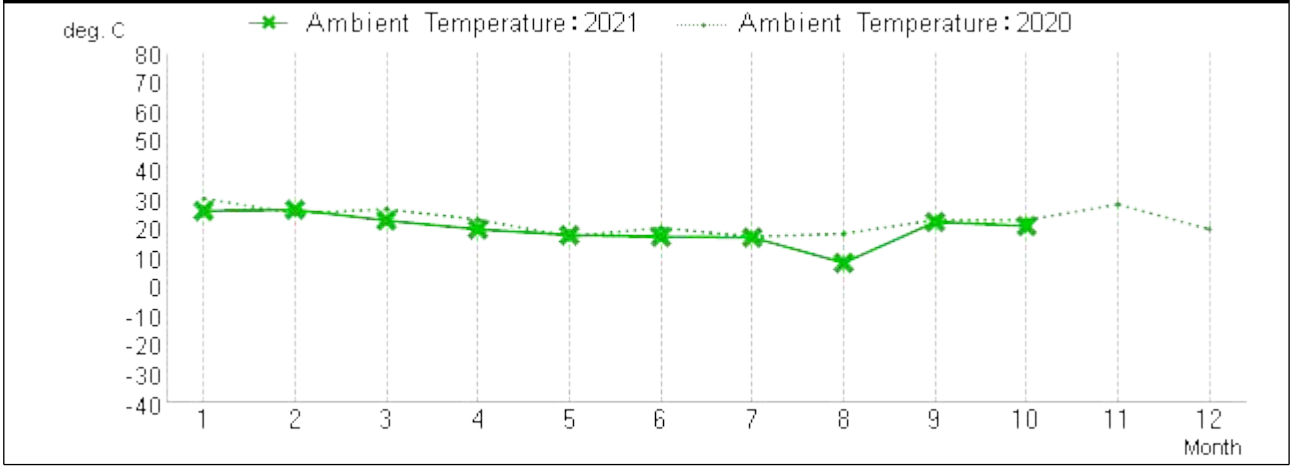
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Transition of Daily Highest Temperatures

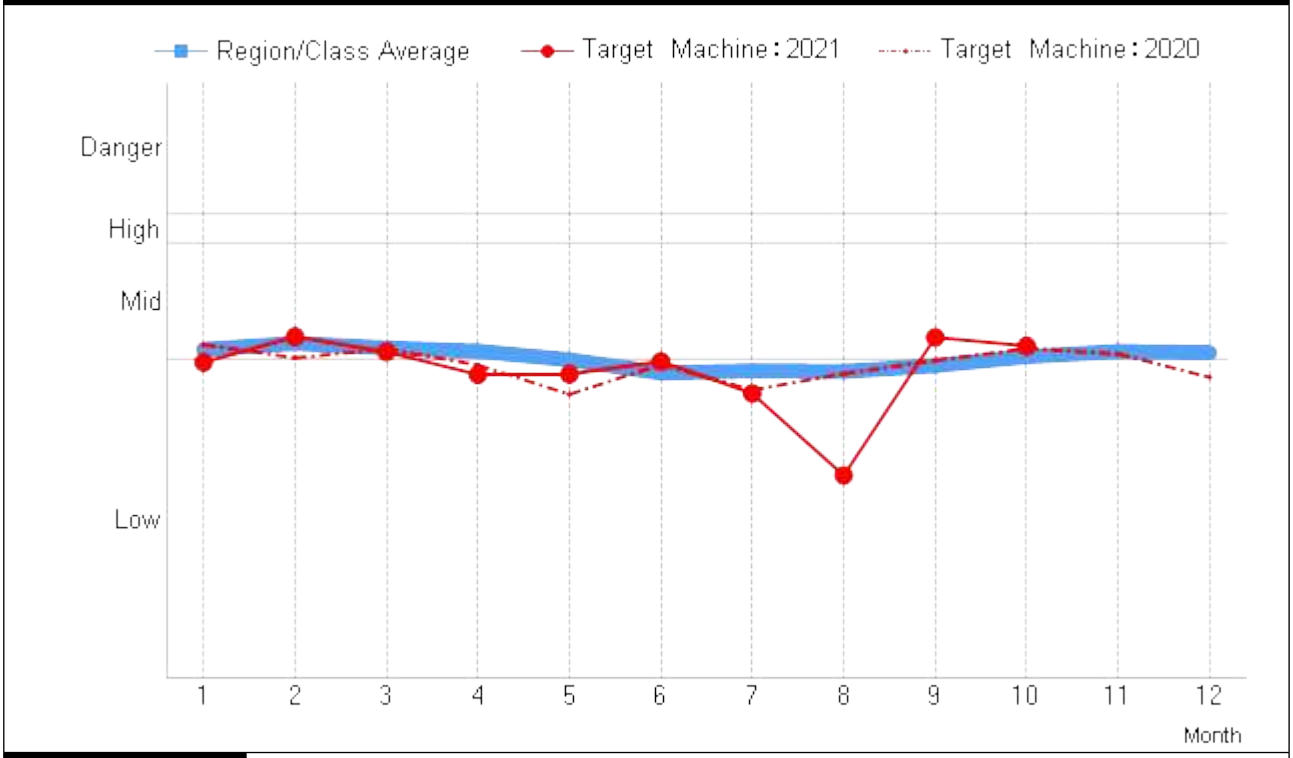
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/10/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

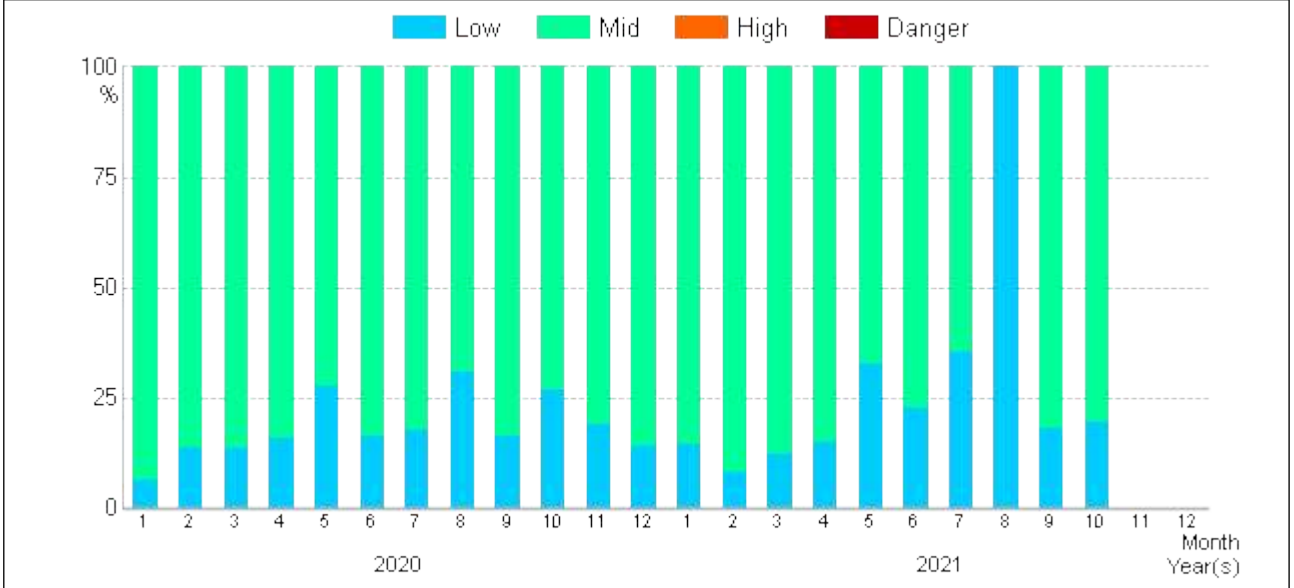
Distribution of Temperatures		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

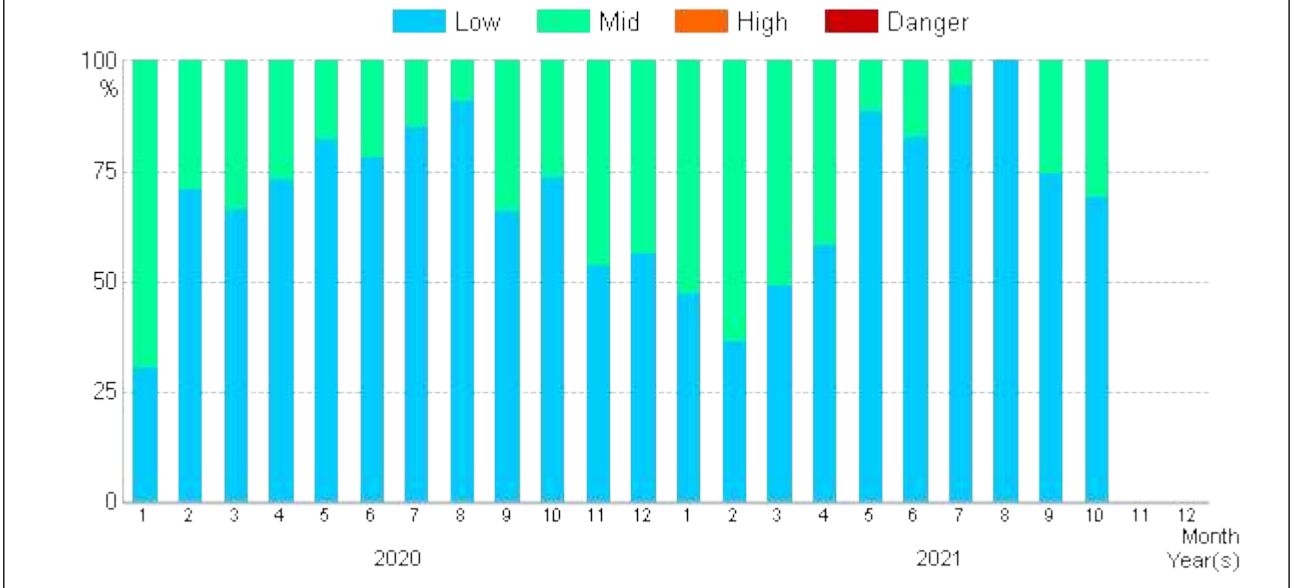
Reporting Period	01/01/2020 to 31/10/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

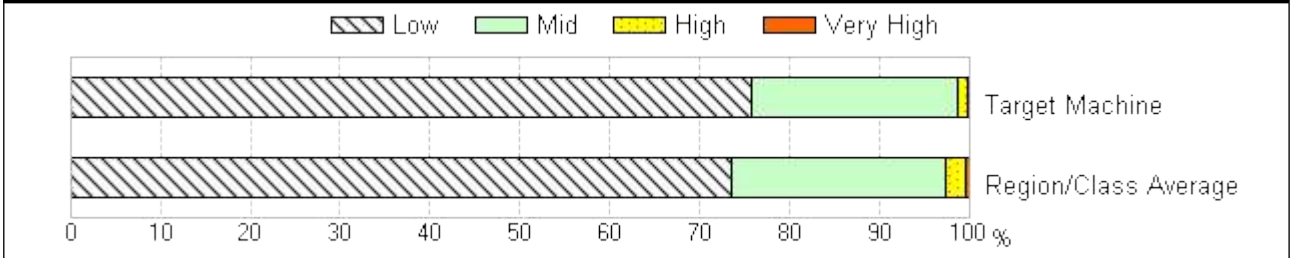
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

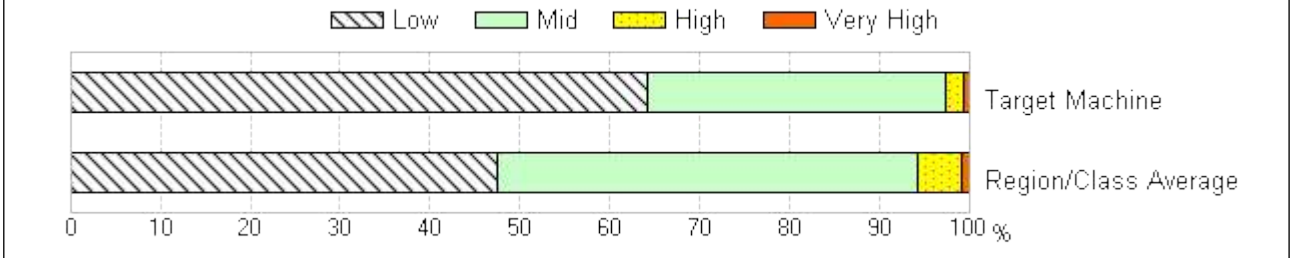
Reporting Period	2,708 hr(s) to 2,908 hr(s)

Pump Pressure



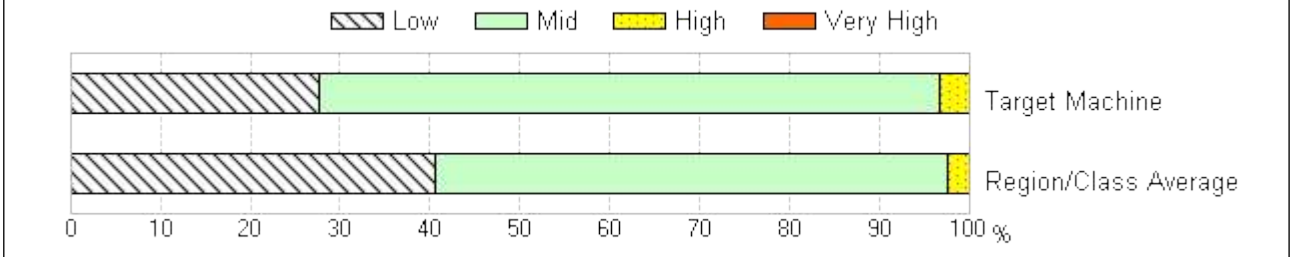
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



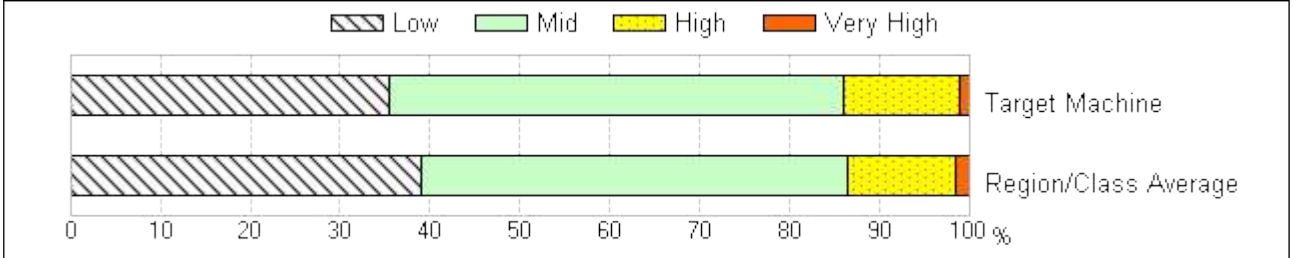
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

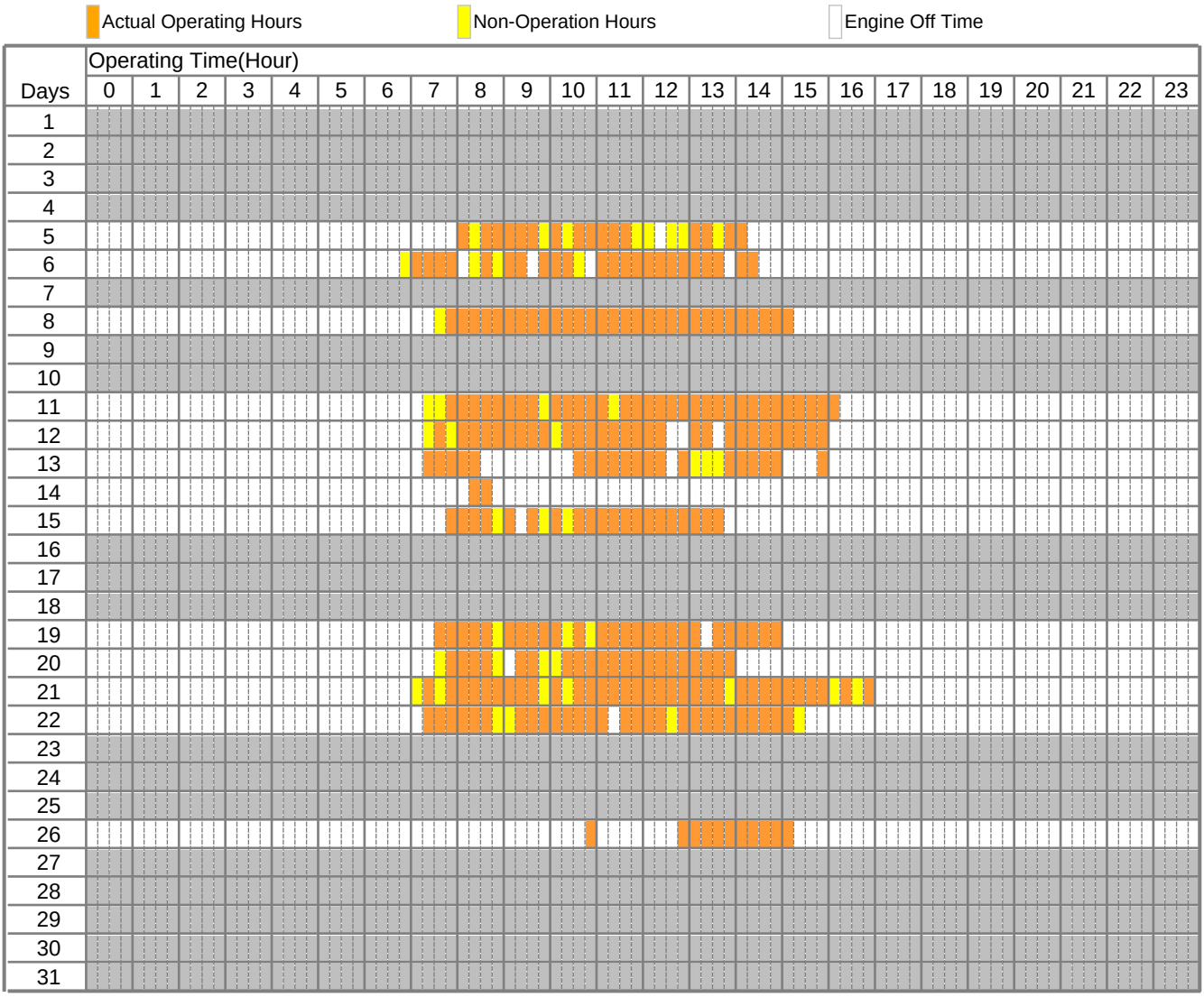
Daily Operating Report		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	79.9 hr(s)
Actual Operating Hours	56.1 hr(s)
Non-Operation Hours	23.9 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003528792-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/10/2021 to 31/10/2021
S/N	308018	Date of Issue	08/11/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

ConSite

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003457463-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/10/2021

Reporting Period

01/09/2021 to 30/09/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	3 Days
Machine Operating Hours	11.2 hr(s)
Fuel Consumption	154 l
Ratio of Eco Mode Usage	99 %
ECO Index (Non-Operation Ratio)	A [B] C D
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.2 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	8.6 hr(s)
Non-Operation Hours	2.5 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Operating Conditions

Latest Hour Meter Reading	2,826 hr(s)	Time since Delivery	2Year(s) 9Month(s)
No. of Operating Days	3 Days	Machine Operating Hours	11.2 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21 2.6 35	22	23 3.3 47	24	25
26	27 5.2 72	28	29	30		

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	1 %	ECO Mode	99 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	154 l	Over Preceding Month	+152 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	13.8 l/hr	Over Preceding Month	+11.2 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	396 kg	Over Preceding Month	+392 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	22 %(2.5 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is low. However, fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	61 %(5.3 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

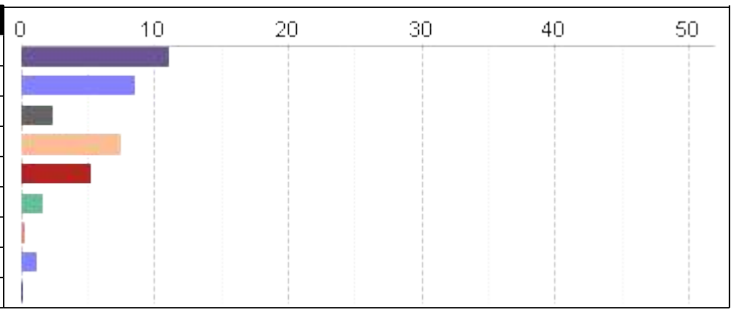
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

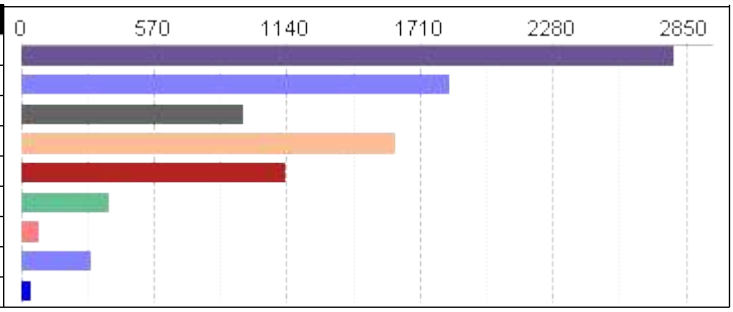
Item	Current Month
Engine Operating Hours	11.2 hr(s)
Actual Operating Hours	8.6 hr(s)
Non-Operation Hours	2.5 hr(s)
Front Operation Hours	7.6 hr(s)
Swing Operation Hours	5.3 hr(s)
Travel Operation Hours	1.7 hr(s)
Fast Speed Mode	0.4 hr(s)
Slow Speed Mode	1.3 hr(s)
Attachment Operation Hours	0.2 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

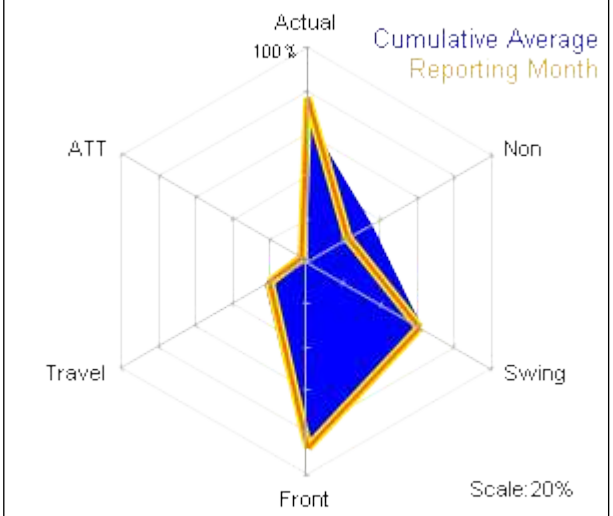
Item	Cumulative Total
Engine Operating Hours	2,801.7 hr(s)
Actual Operating Hours	1,843.4 hr(s)
Non-Operation Hours	958.3 hr(s)
Front Operation Hours	1,609.6 hr(s)
Swing Operation Hours	1,136.3 hr(s)
Travel Operation Hours	380.6 hr(s)
Fast Speed Mode	81.4 hr(s)
Slow Speed Mode	301.1 hr(s)
Attachment Operation Hours	47.8 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

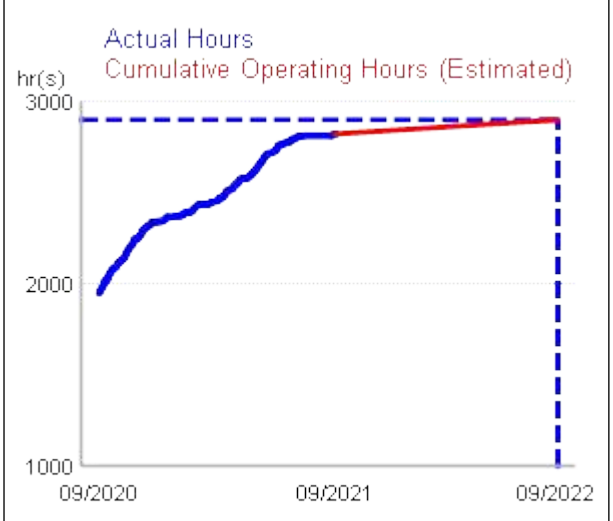
Ratio of Each Operation Hours



Comment	Actual Operation Hours in this month is higher than Cumulative operating average. Non Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	2,903 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
06/01/2024	10/04/2027	14/07/2030	16/10/2033

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

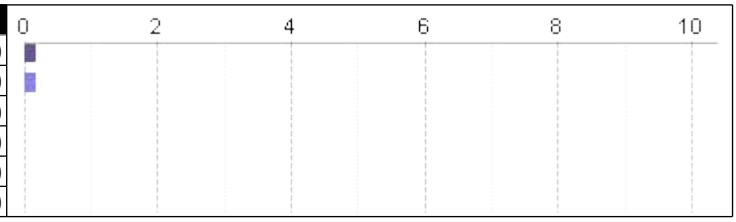
Attachment Operation Hours		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

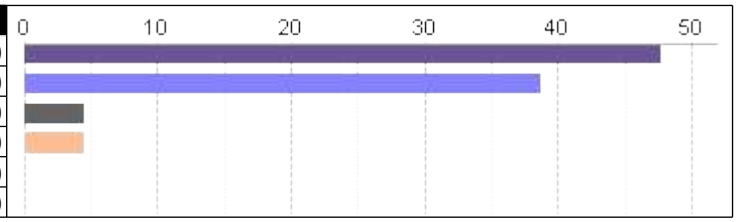
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.2 hr(s)
Breaker Operation	0.2 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.8 hr(s)
Breaker Operation	38.8 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



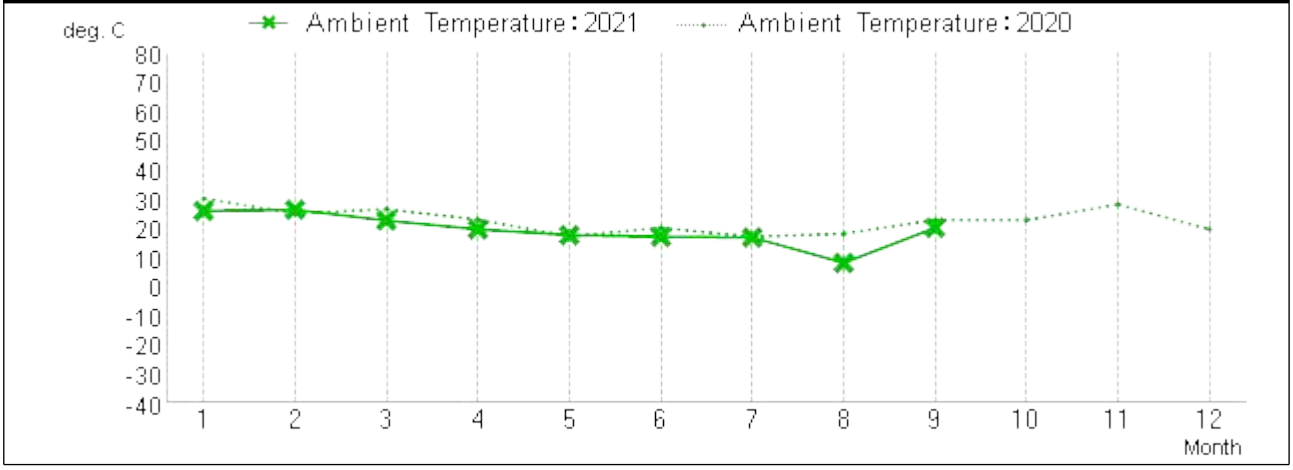
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Transition of Daily Highest Temperatures

The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/09/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures

Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

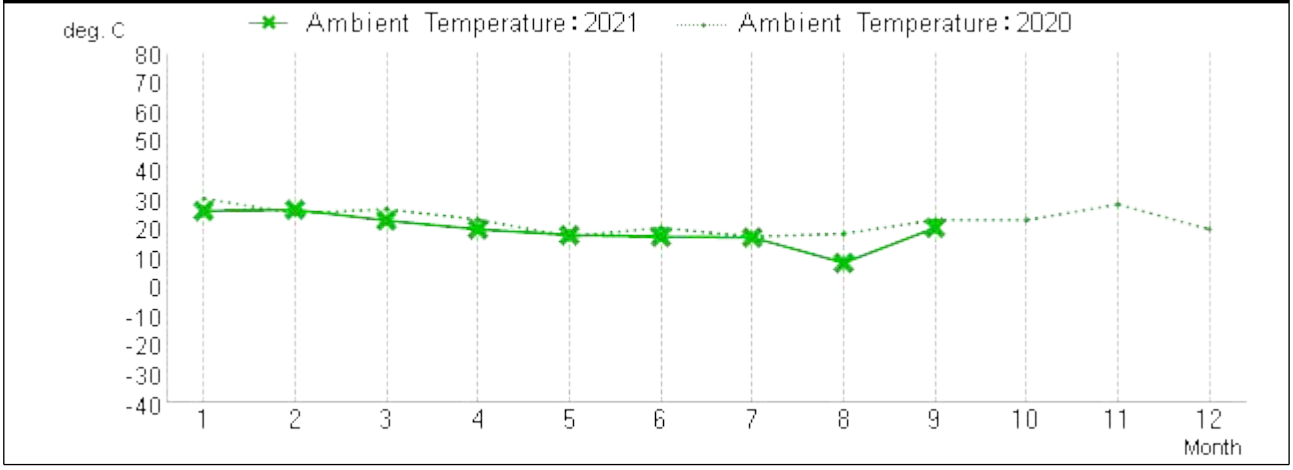
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Transition of Daily Highest Temperatures

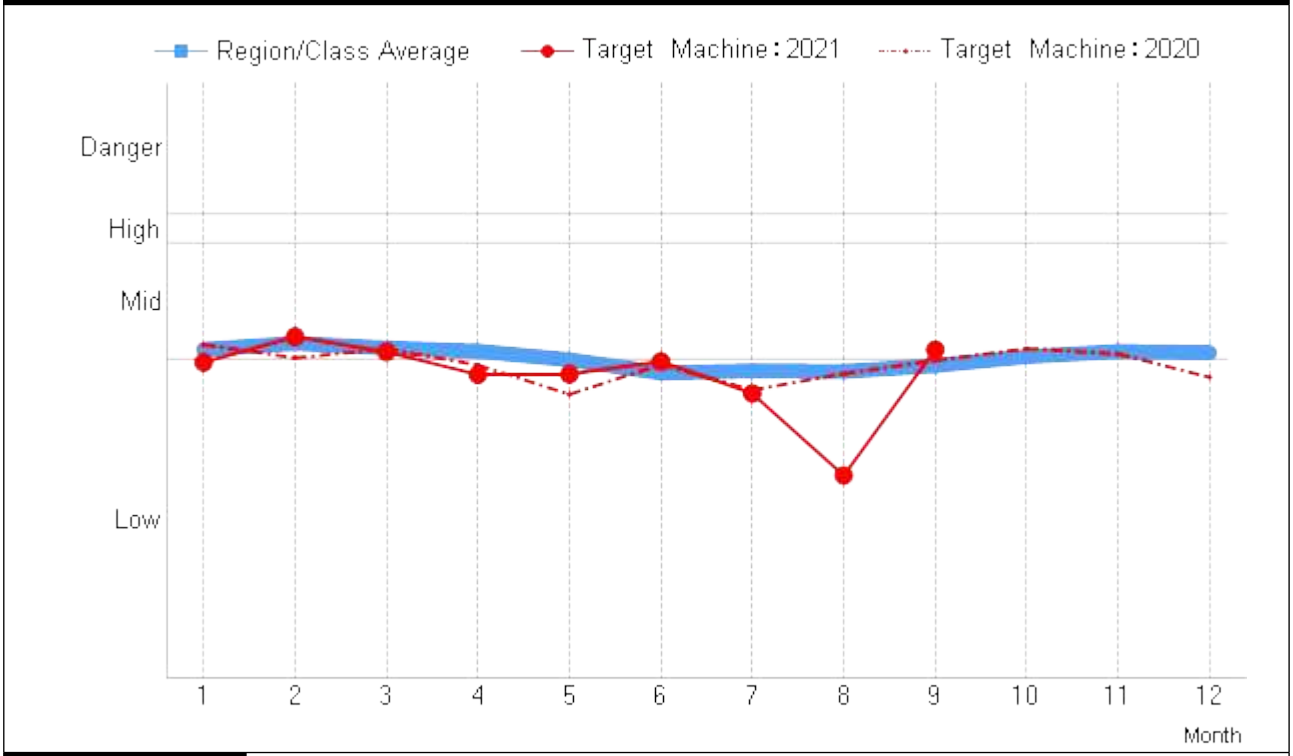
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/09/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

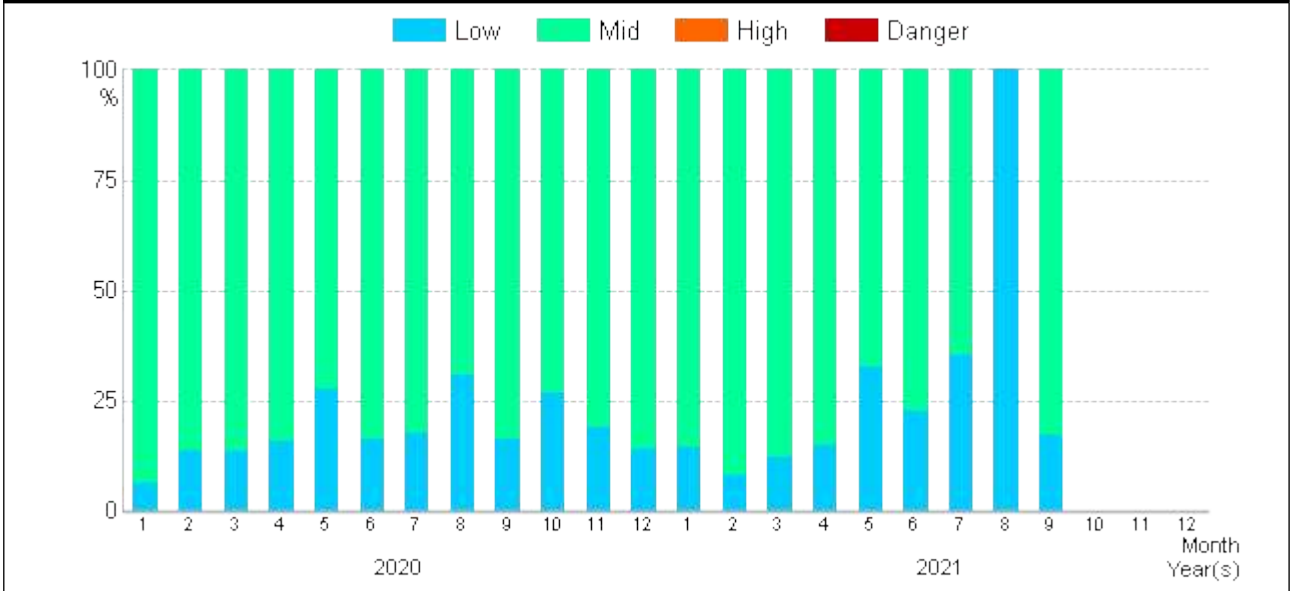
Distribution of Temperatures		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

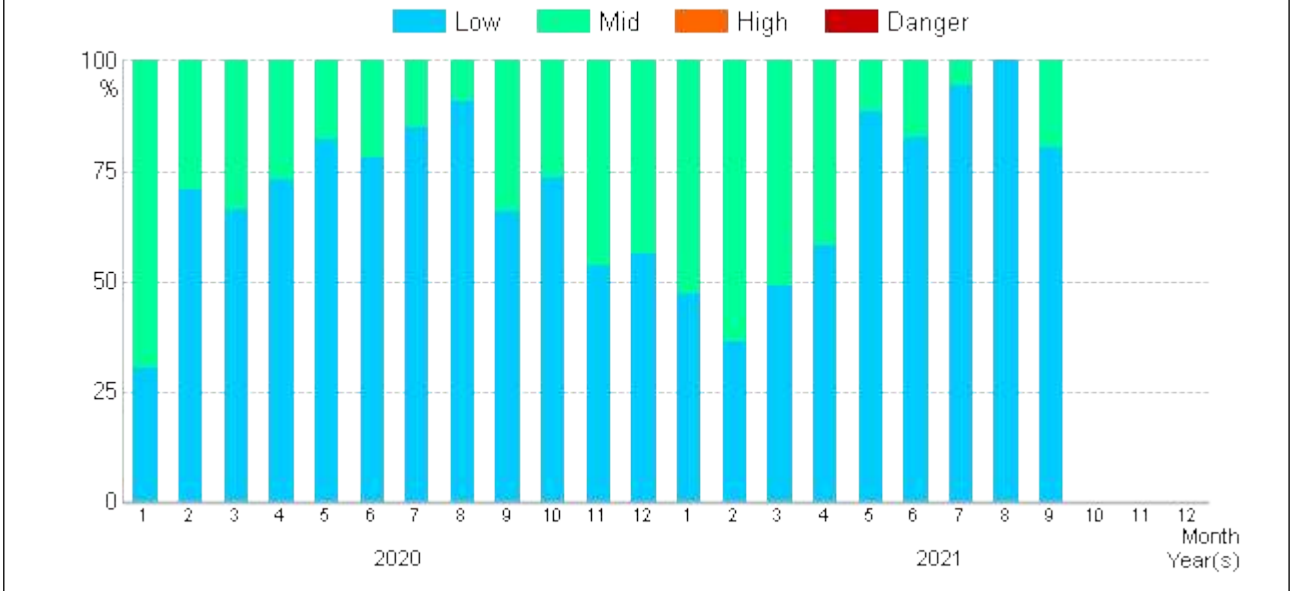
Reporting Period	01/01/2020 to 30/09/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

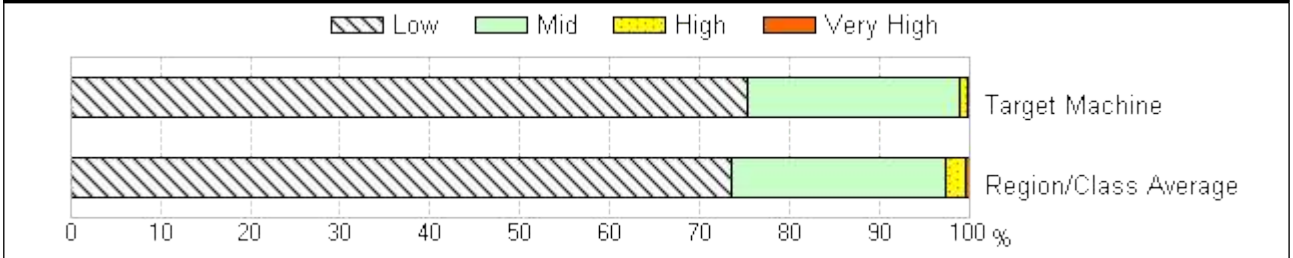
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

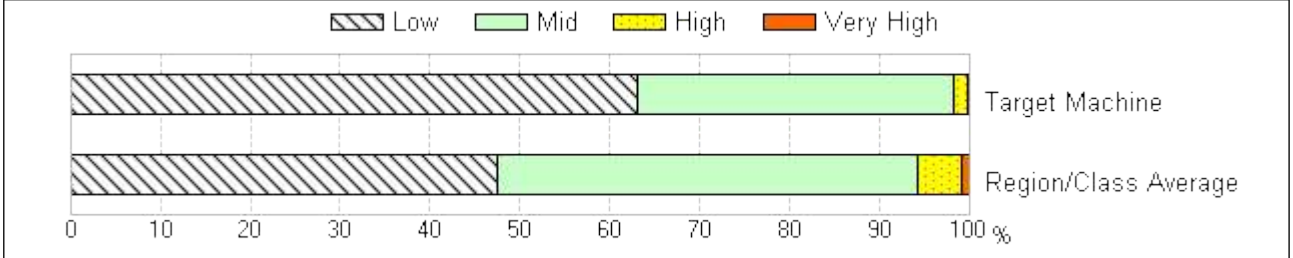
Reporting Period	2,626 hr(s) to 2,826 hr(s)

Pump Pressure



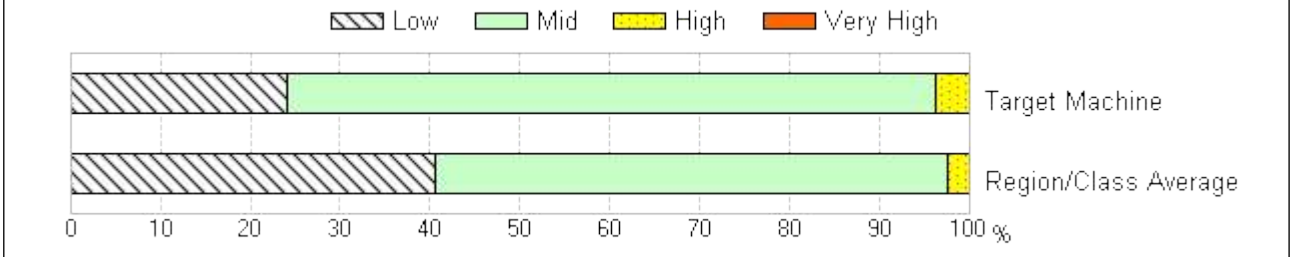
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



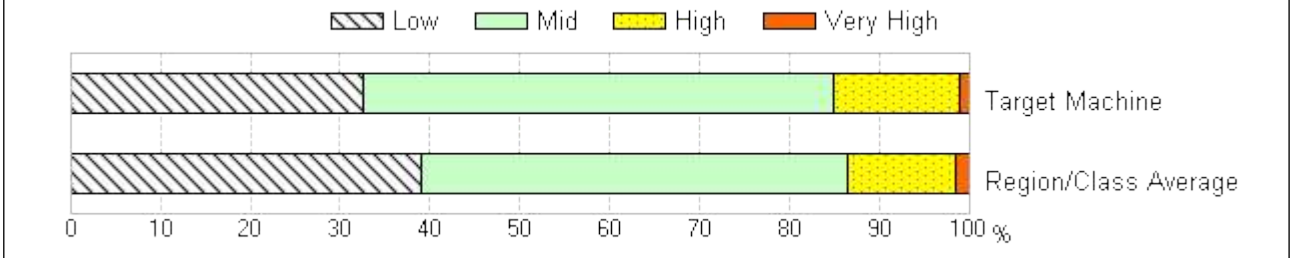
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

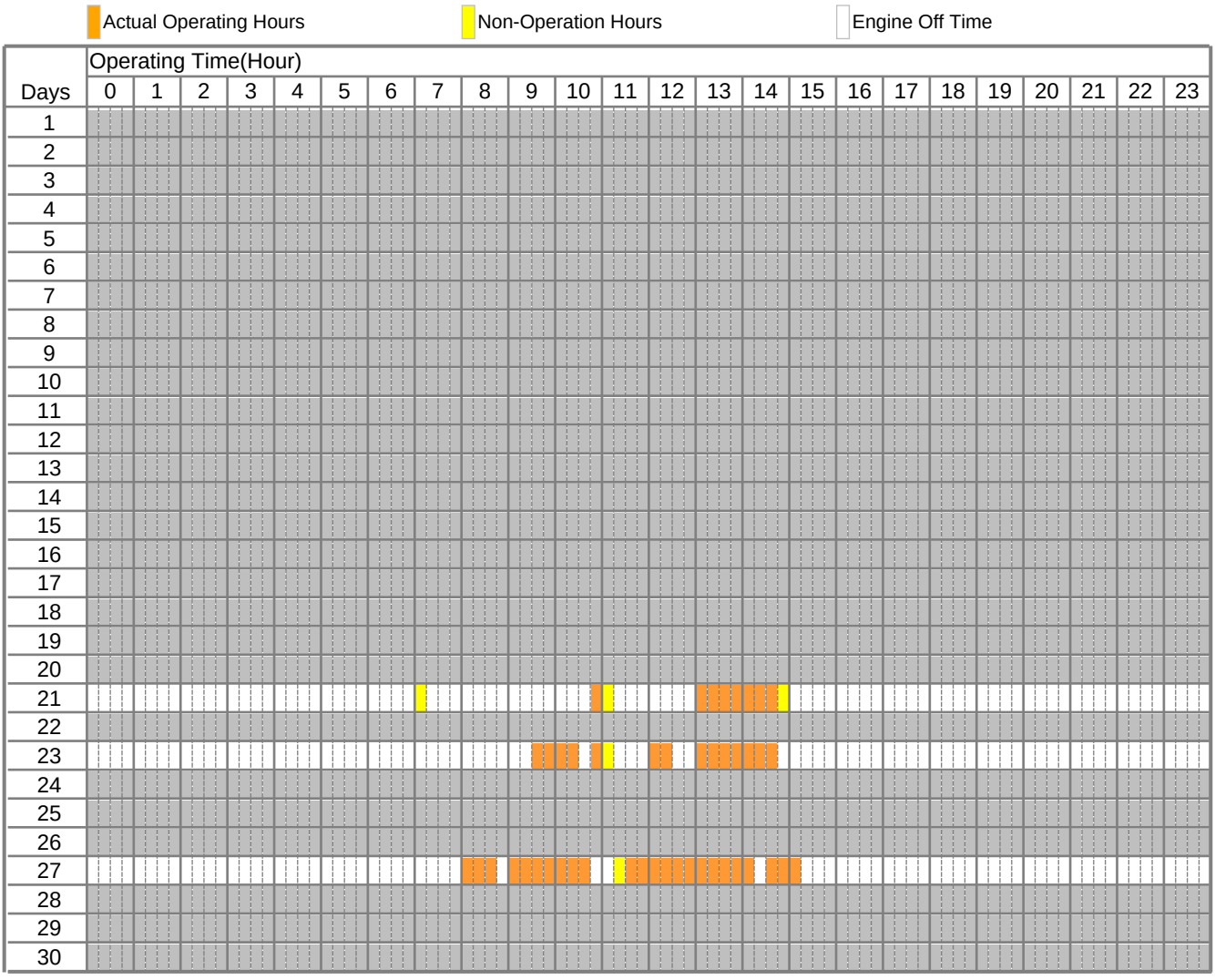
Daily Operating Report		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	11.2 hr(s)
Actual Operating Hours	8.6 hr(s)
Non-Operation Hours	2.5 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003457463-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/09/2021 to 30/09/2021
S/N	308018	Date of Issue	08/10/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003383624-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/09/2021

Reporting Period

01/08/2021 to 31/08/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	0 Days
Machine Operating Hours	- hr(s)
Fuel Consumption	- l
Ratio of Eco Mode Usage	- %
ECO Index (Non-Operation Ratio)	A B C D
ECO Index (Swing Operation Ratio)	A B C D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	- hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	No Data

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	No Data

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.
Hydraulic Oil	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Operating Conditions

Latest Hour Meter Reading	2,797 hr(s)	Time since Delivery	2Year(s) 8Month(s)
No. of Operating Days	0 Days	Machine Operating Hours	- hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	- %	ECO Mode	- %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	- l	Over Preceding Month	-325 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	- l/hr	Over Preceding Month	-10.5 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	- kg	Over Preceding Month	-839 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	- %(- hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Comment	Engine Operating Hours were less than 1 hour. Data for the reporting period cannot be displayed.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

Swing Operation Ratio	- %(- hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

Comment	Actual Operating Hours were less than 1 hour. Data for the reporting period cannot be displayed.

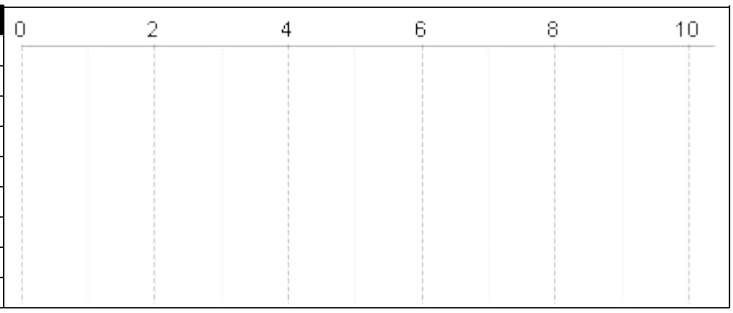
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

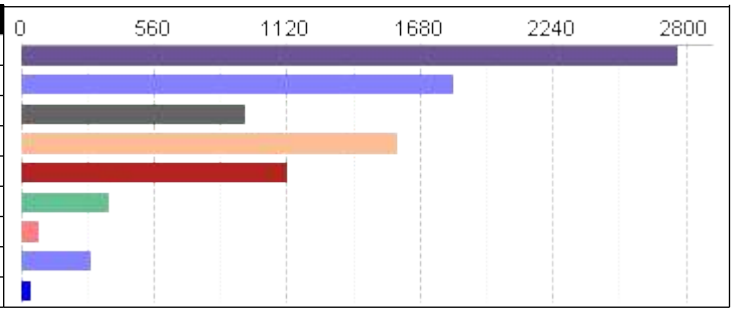
Item	Current Month
Engine Operating Hours	- hr(s)
Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)
Front Operation Hours	- hr(s)
Swing Operation Hours	- hr(s)
Travel Operation Hours	- hr(s)
Fast Speed Mode	- hr(s)
Slow Speed Mode	- hr(s)
Attachment Operation Hours	- hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

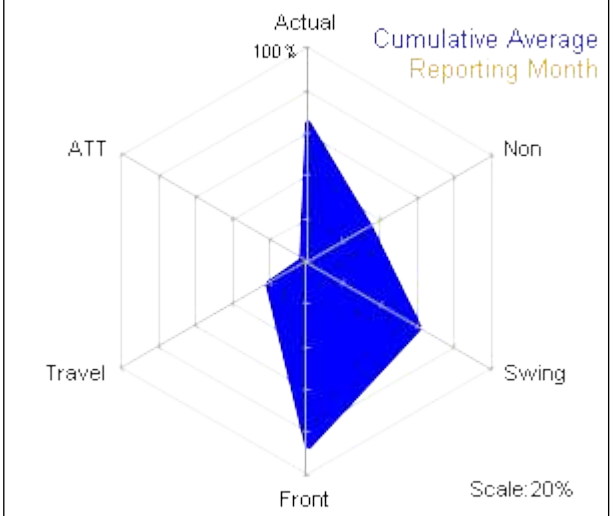
Item	Cumulative Total
Engine Operating Hours	2,773.6 hr(s)
Actual Operating Hours	1,824.5 hr(s)
Non-Operation Hours	949.2 hr(s)
Front Operation Hours	1,592.6 hr(s)
Swing Operation Hours	1,124.1 hr(s)
Travel Operation Hours	377.2 hr(s)
Fast Speed Mode	80.2 hr(s)
Slow Speed Mode	298.8 hr(s)
Attachment Operation Hours	47.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

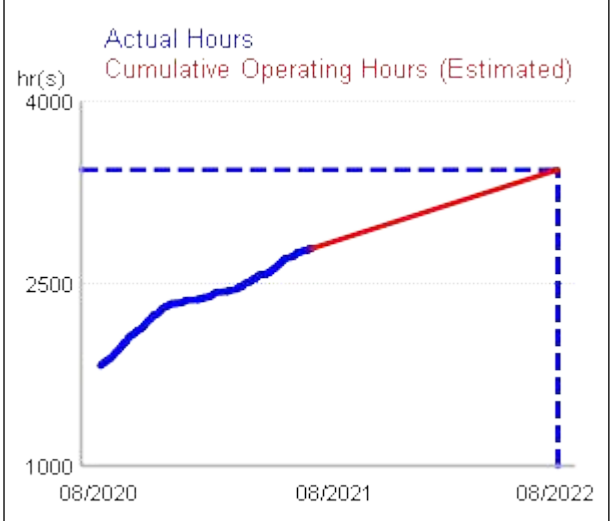
Ratio of Each Operation Hours



Comment	Engine operating hours are less than 1 hour. Insufficient data. Value for current month cannot be displayed.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,445 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
25/11/2021	02/05/2022	06/10/2022	12/03/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

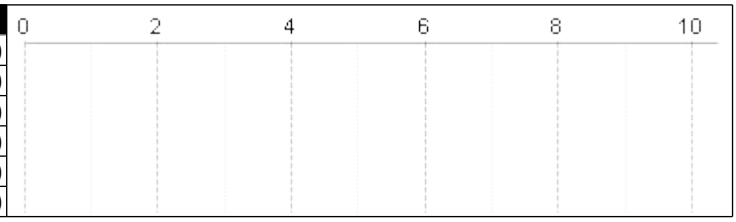
Attachment Operation Hours		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

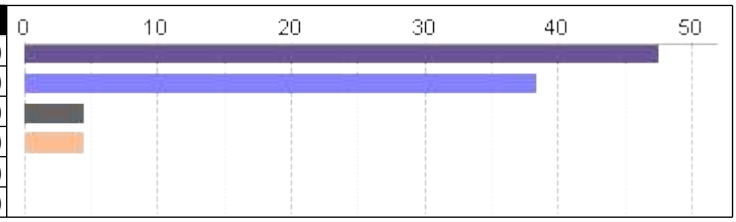
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	- hr(s)
Breaker Operation	- hr(s)
Pulverize Operation	- hr(s)
Crusher Operation	- hr(s)
Vibration Hammer Operation	- hr(s)
Other Attachment Operation	- hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.6 hr(s)
Breaker Operation	38.5 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

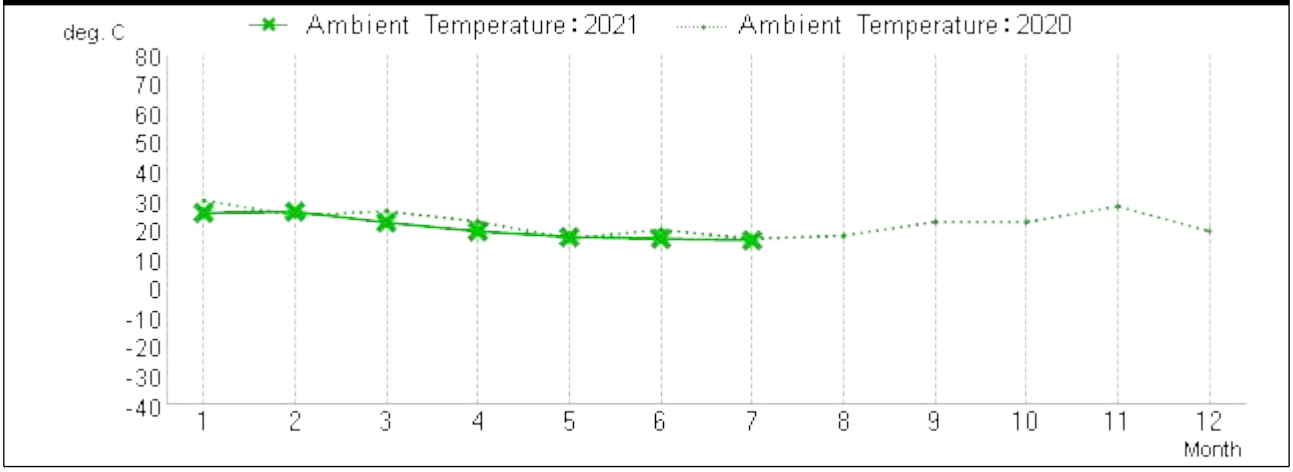
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Transition of Daily Highest Temperatures

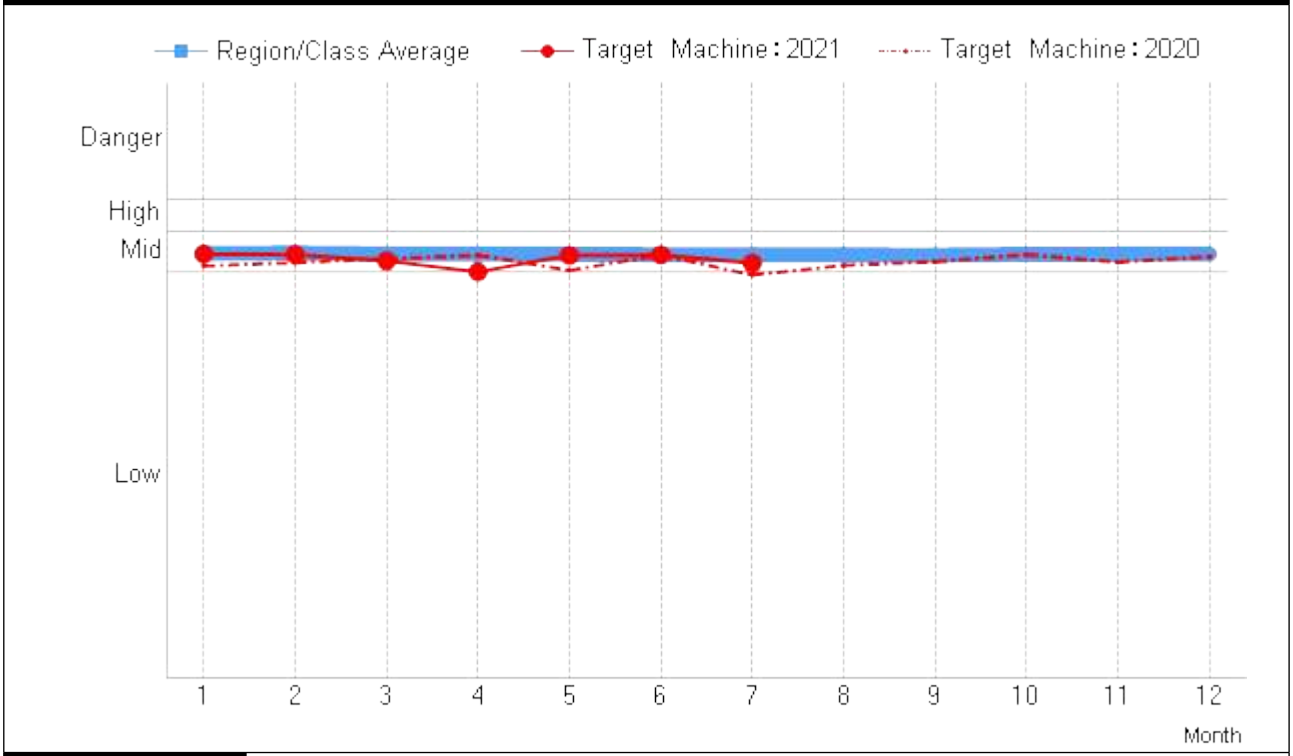
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/08/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

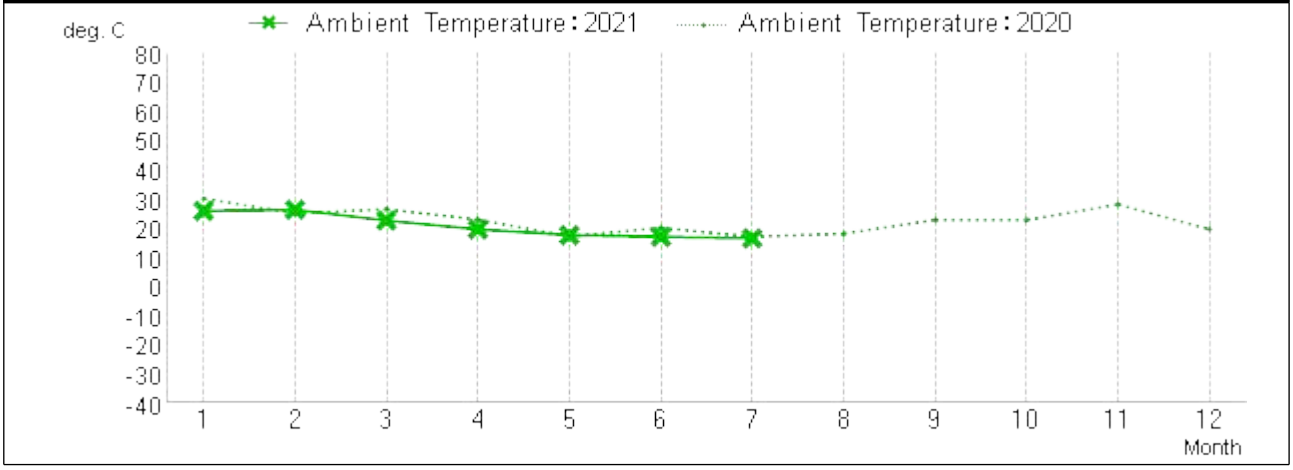
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Transition of Daily Highest Temperatures

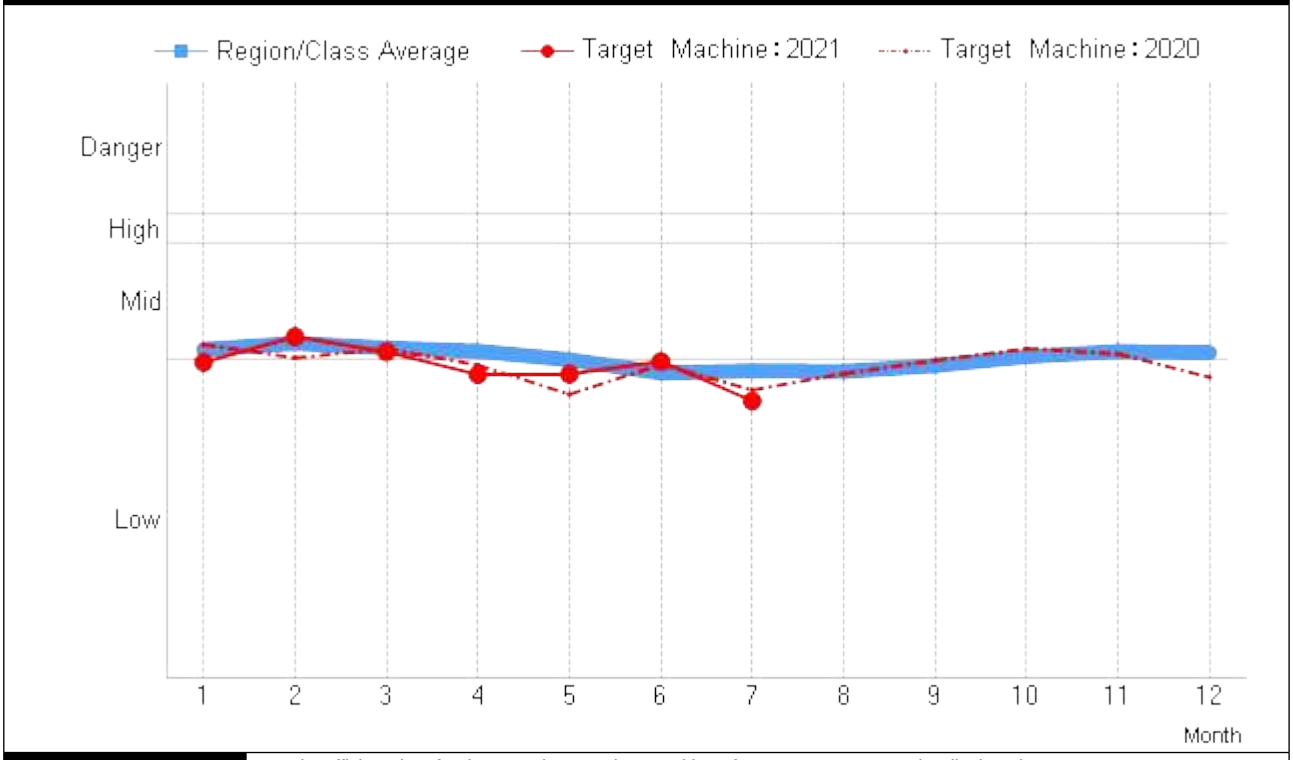
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/08/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

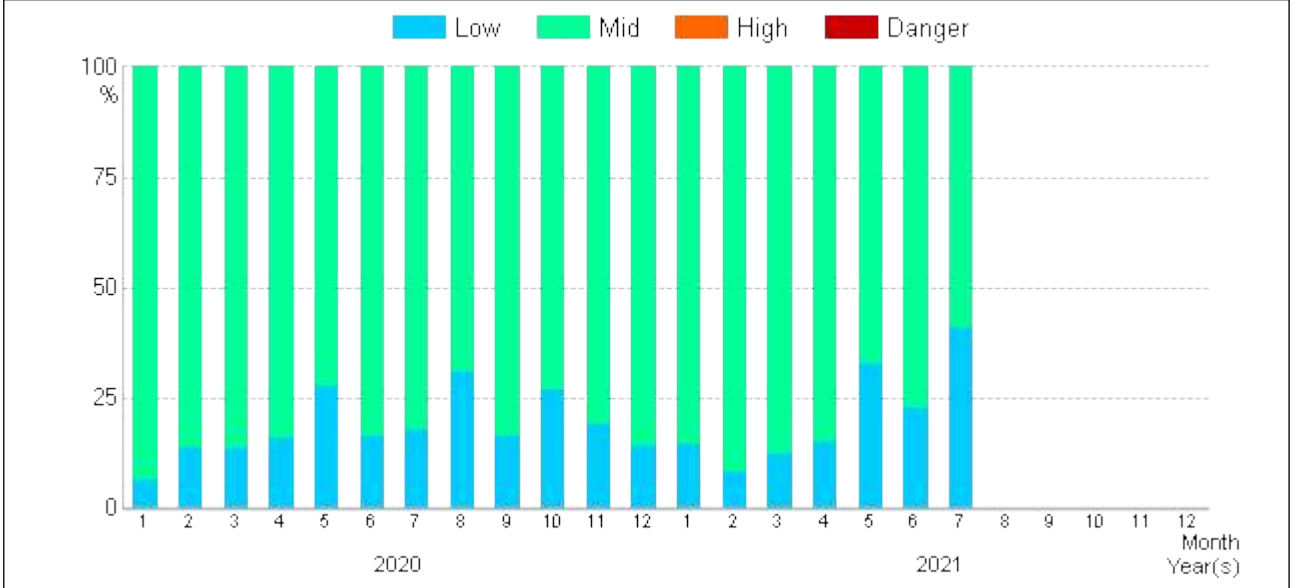
Distribution of Temperatures		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

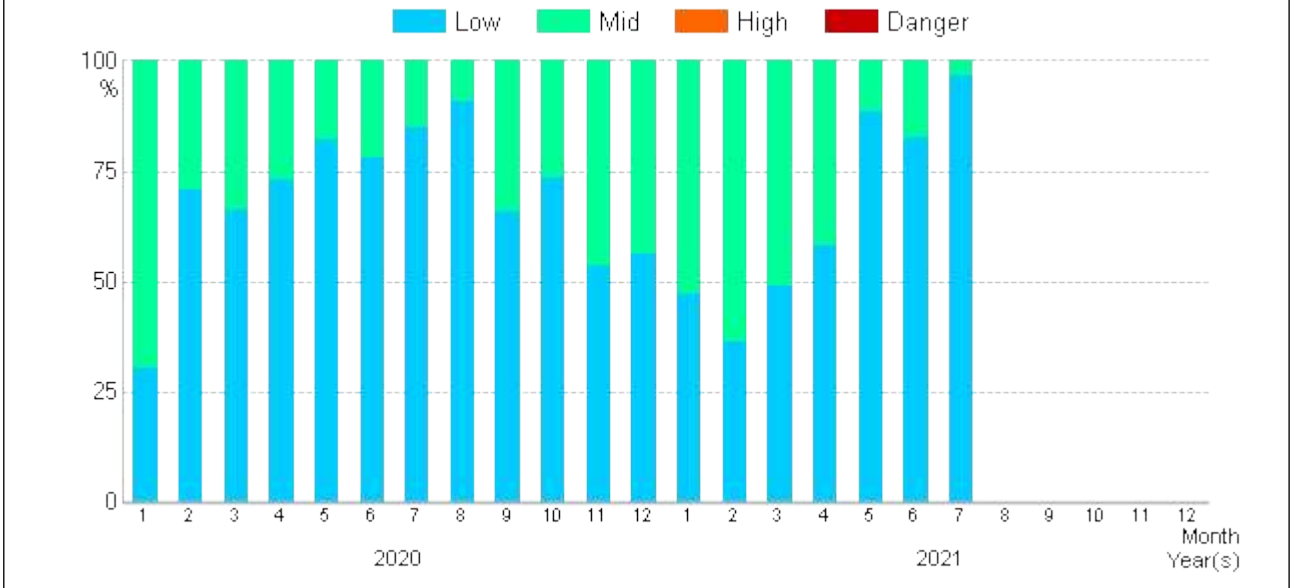
Reporting Period	01/01/2020 to 31/08/2021

Coolant Temperature Distribution Chart



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

Hydraulic Oil Temperature Distribution Chart



Comment	No or insufficient data for the reporting month. Transition of temperatures cannot be displayed.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

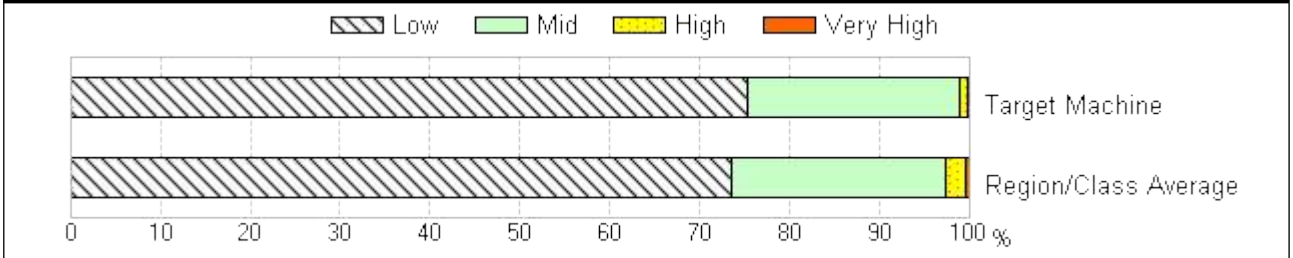
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

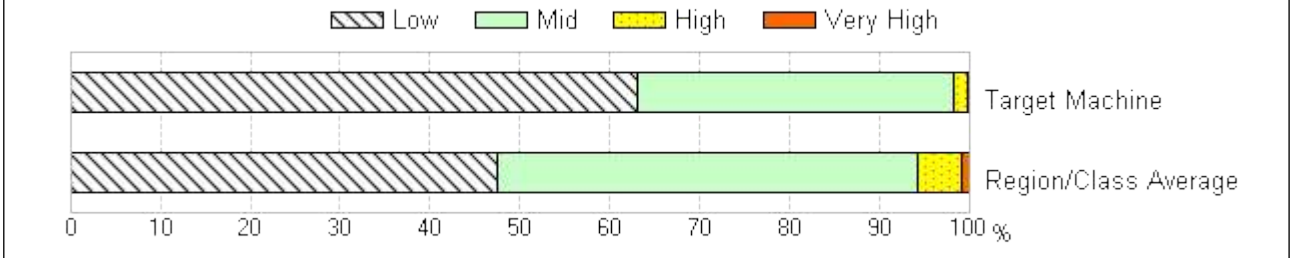
Reporting Period	2,597 hr(s) to 2,797 hr(s)

Pump Pressure



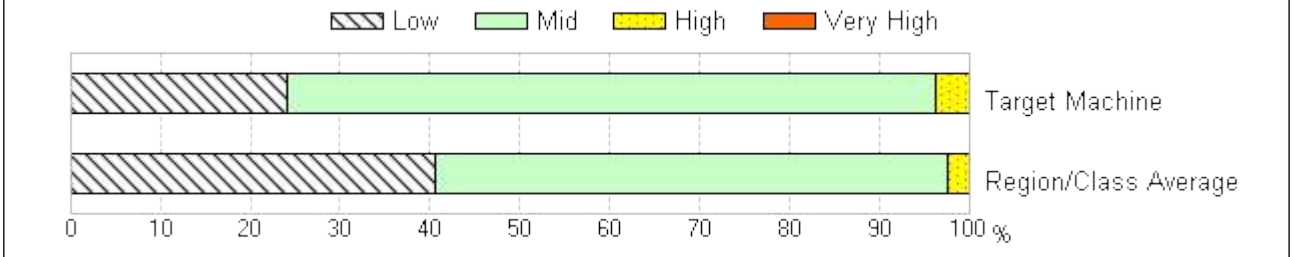
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



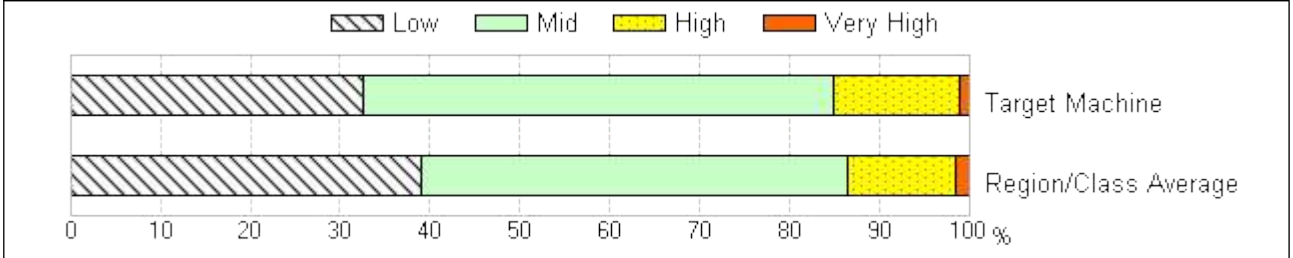
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Daily Operating Report		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	- hr(s)
Actual Operating Hours	- hr(s)
Non-Operation Hours	- hr(s)

Actual Operating Hours Non-Operation Hours Engine Off Time

Days	Operating Time(Hour)																							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1																								
2																								
3																								
4																								
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29																								
30																								
31																								

* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003383624-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/08/2021 to 31/08/2021
S/N	308018	Date of Issue	08/09/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003313260-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/08/2021

Reporting Period

01/07/2021 to 31/07/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	9 Days
Machine Operating Hours	30.9 hr(s)
Fuel Consumption	325 l
Ratio of Eco Mode Usage	57 %
ECO Index (Non-Operation Ratio)	A B C [D]
ECO Index (Swing Operation Ratio)	A [B] C D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	15.2 hr(s)
Non-Operation Hours	15.6 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Operating Conditions

Latest Hour Meter Reading	2,797 hr(s)	Time since Delivery	2Year(s) 7Month(s)
No. of Operating Days	9 Days	Machine Operating Hours	30.9 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1	2	3
					6.9	
					86	
4	5	6	7	8	9	10
	0.2		5.4			
	1		75			
11	12	13	14	15	16	17
		2.3	4.9	4.5	5.8	
		31	49	32	47	
18	19	20	21	22	23	24
	0.4	0.4				
	3	4				
25	26	27	28	29	30	31

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	43 %	ECO Mode	57 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	325 l	Over Preceding Month	-741 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	10.5 l/hr	Over Preceding Month	-3.0 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	839 kg	Over Preceding Month	-1,912 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	50 %(15.6 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is very high. Fuel consumption can be reduced a lot by stopping the engine during waiting time or short rest. Also, there is a possibility that a mechanical or electrical problem might have contributed to the high non-operation hours.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	61 %(9.4 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operation ratio is low. The machine operates efficiently.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

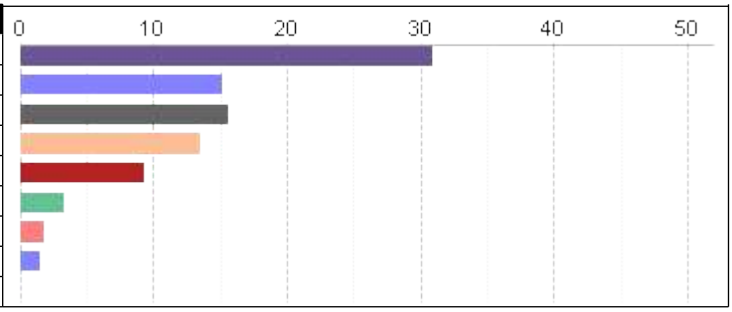
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

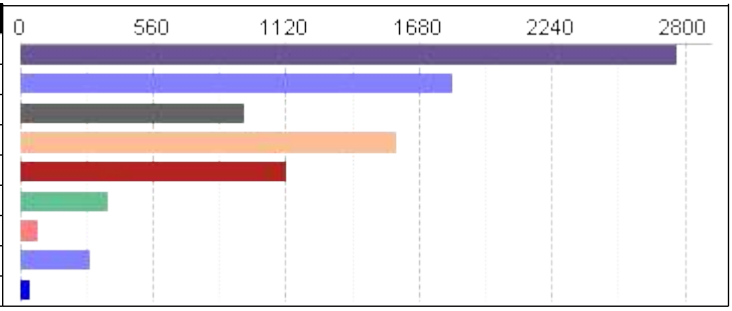
Item	Current Month
Engine Operating Hours	30.9 hr(s)
Actual Operating Hours	15.2 hr(s)
Non-Operation Hours	15.6 hr(s)
Front Operation Hours	13.6 hr(s)
Swing Operation Hours	9.4 hr(s)
Travel Operation Hours	3.4 hr(s)
Fast Speed Mode	1.8 hr(s)
Slow Speed Mode	1.6 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

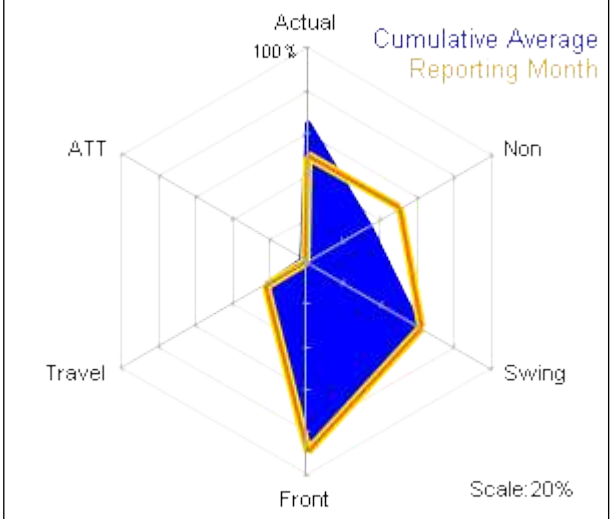
Item	Cumulative Total
Engine Operating Hours	2,773.6 hr(s)
Actual Operating Hours	1,824.5 hr(s)
Non-Operation Hours	949.2 hr(s)
Front Operation Hours	1,592.6 hr(s)
Swing Operation Hours	1,124.1 hr(s)
Travel Operation Hours	377.2 hr(s)
Fast Speed Mode	80.2 hr(s)
Slow Speed Mode	298.8 hr(s)
Attachment Operation Hours	47.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

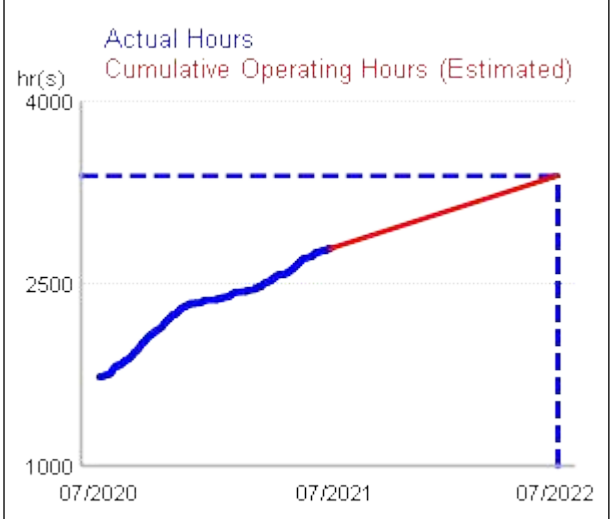
Ratio of Each Operation Hours



Comment	Non Operation Hours in this month is higher than Cumulative operating average. Actual Operation Hours in this month is lower than Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,396 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
25/11/2021	02/05/2022	06/10/2022	12/03/2023

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

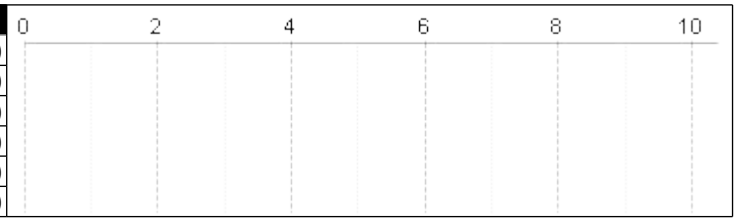
Attachment Operation Hours		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

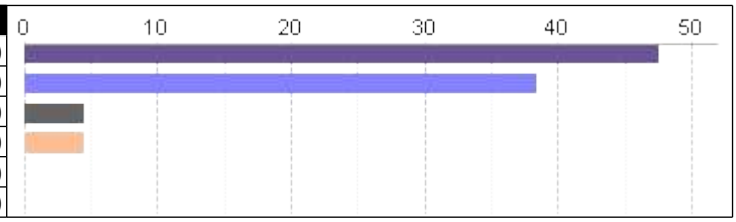
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.6 hr(s)
Breaker Operation	38.5 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



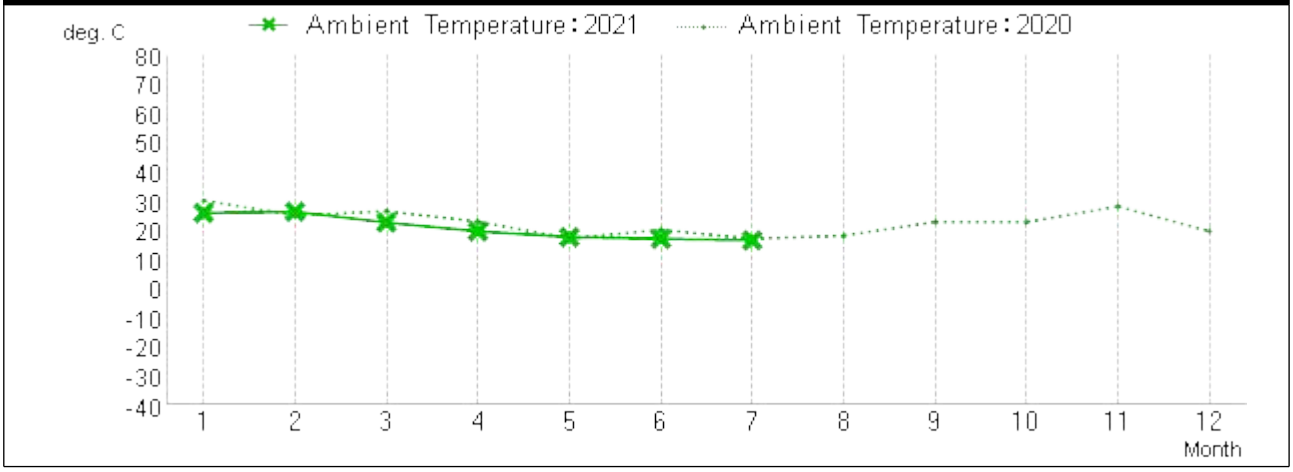
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Transition of Daily Highest Temperatures

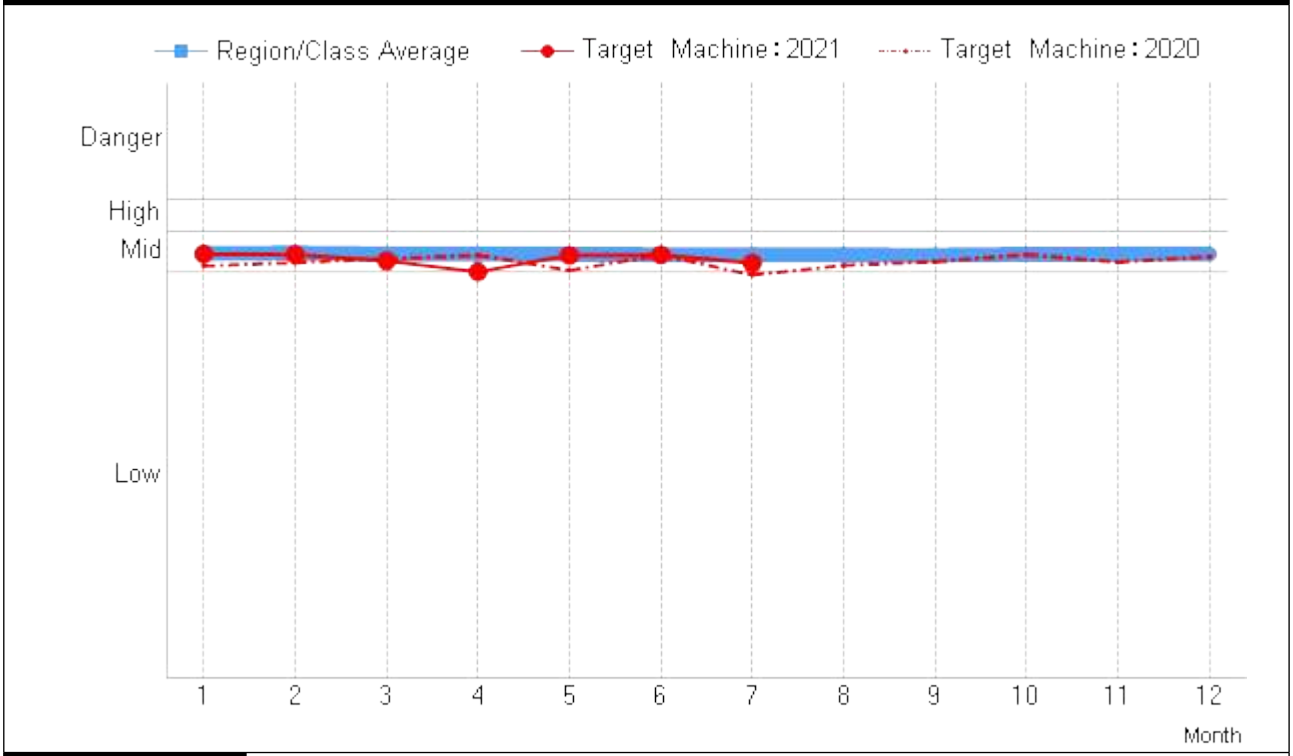
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/07/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

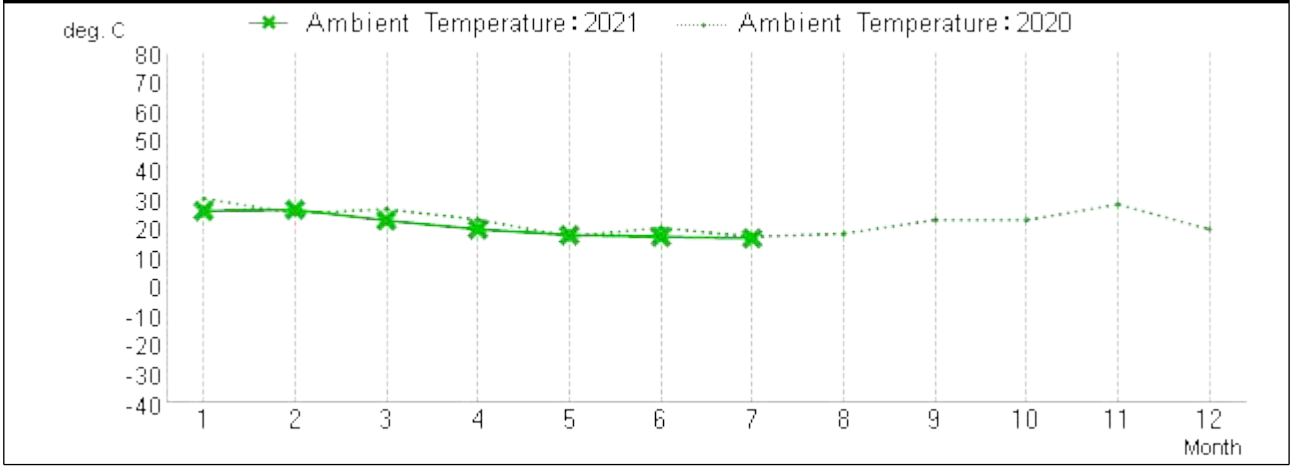
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Transition of Daily Highest Temperatures

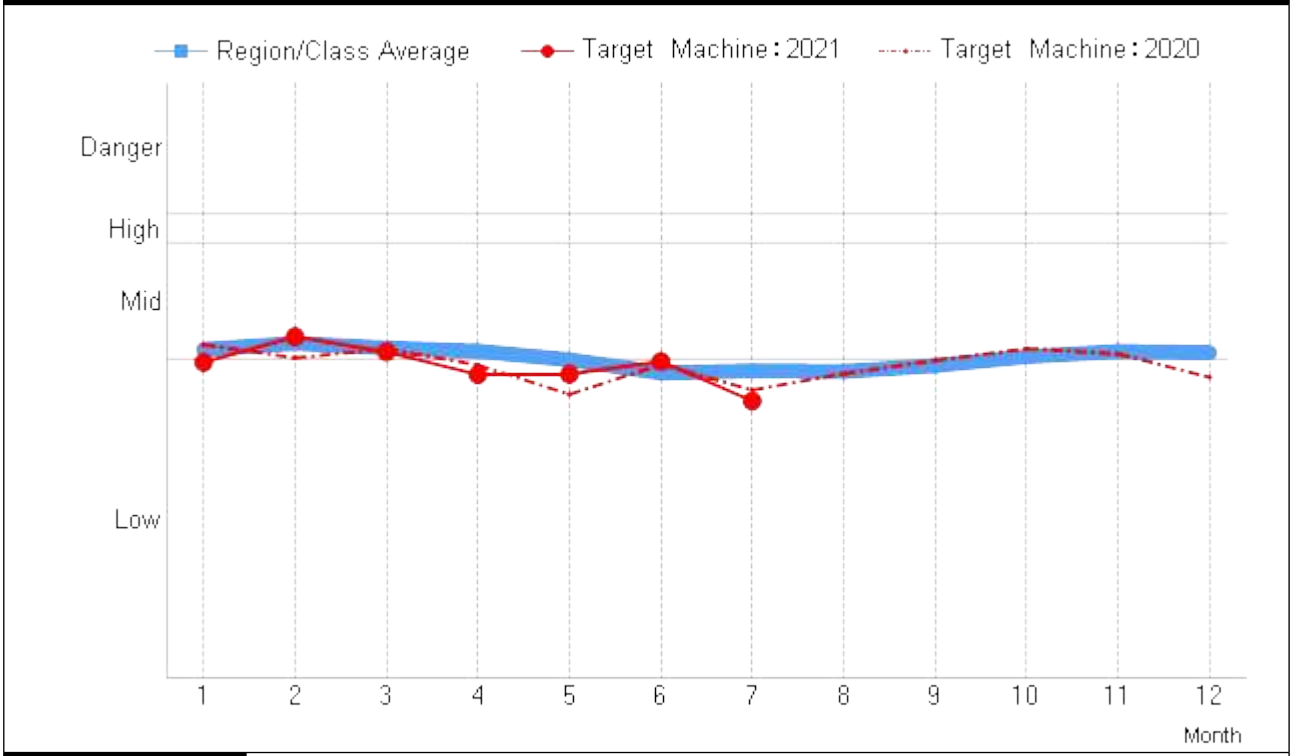
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/07/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

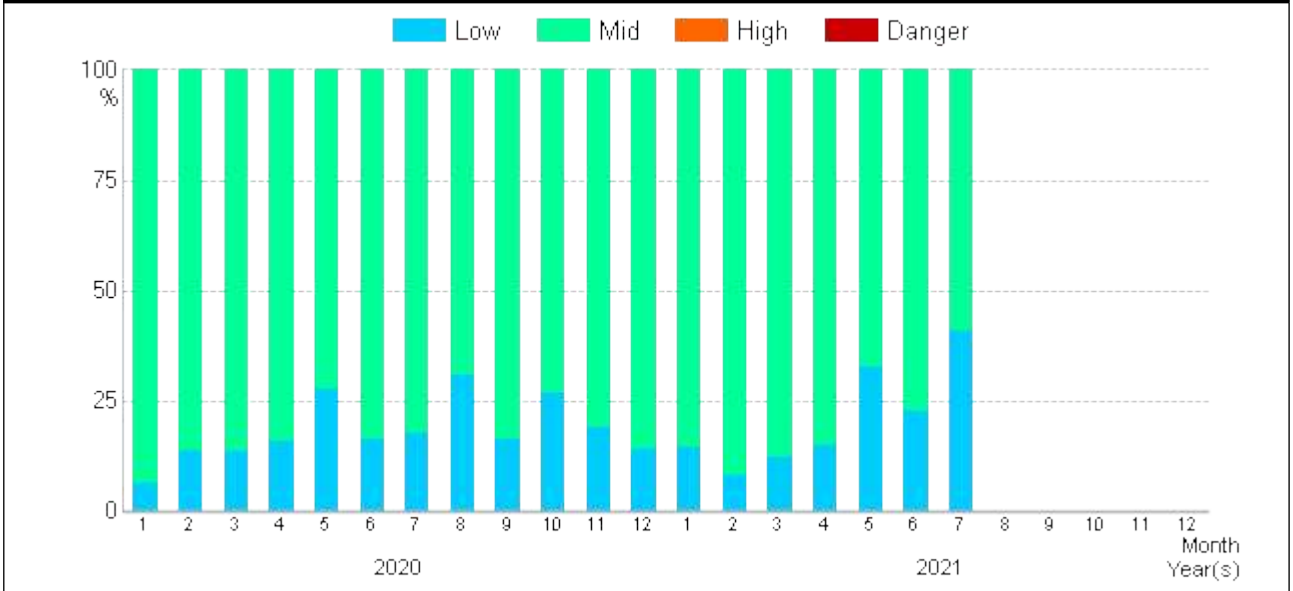
Distribution of Temperatures		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

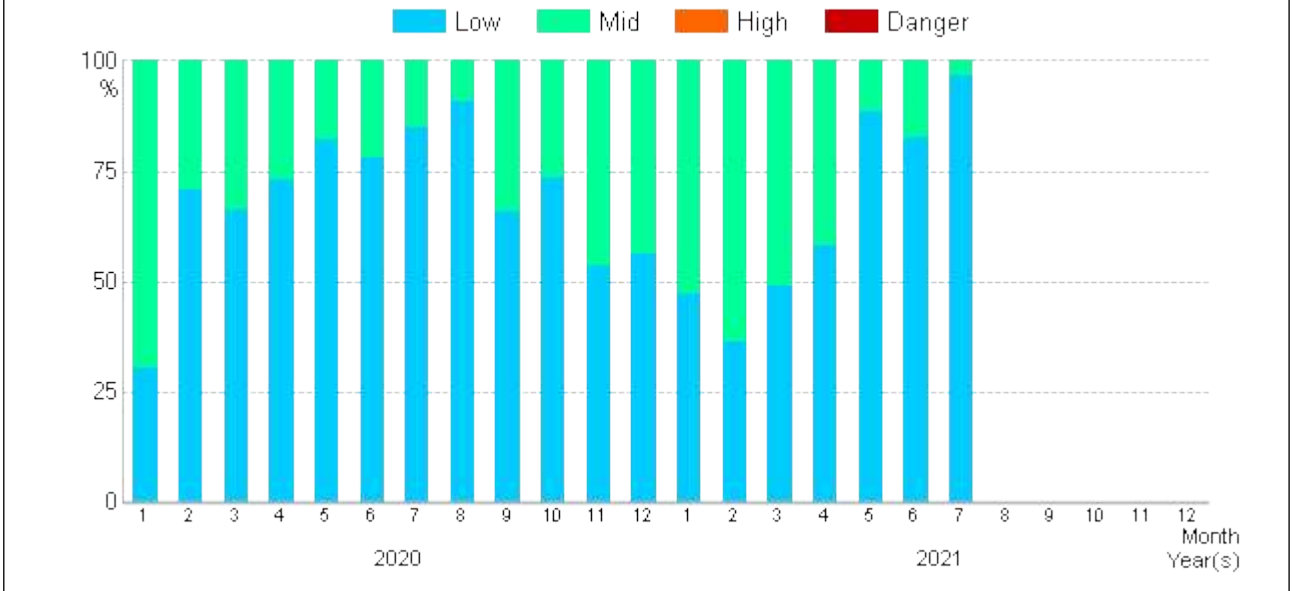
Reporting Period	01/01/2020 to 31/07/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

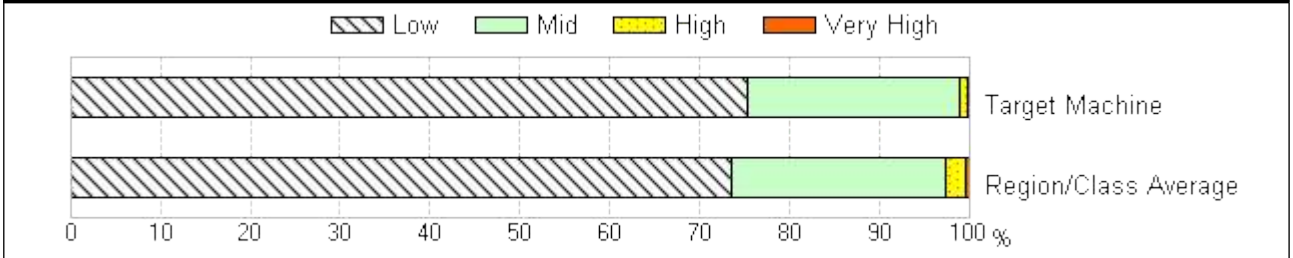
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

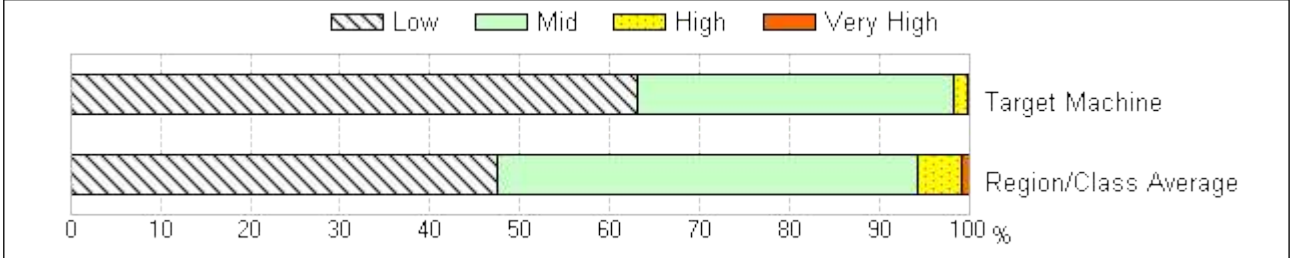
Reporting Period	2,597 hr(s) to 2,797 hr(s)

Pump Pressure



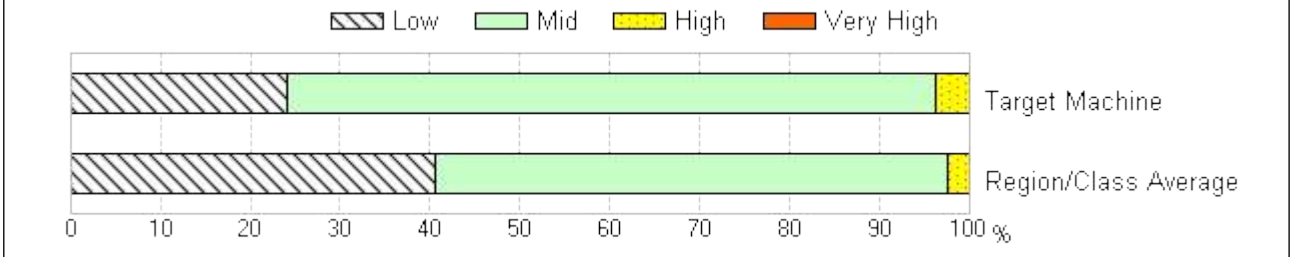
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



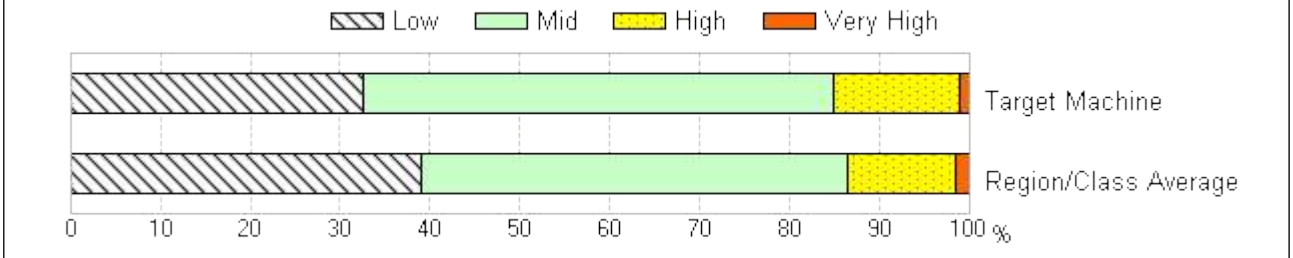
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

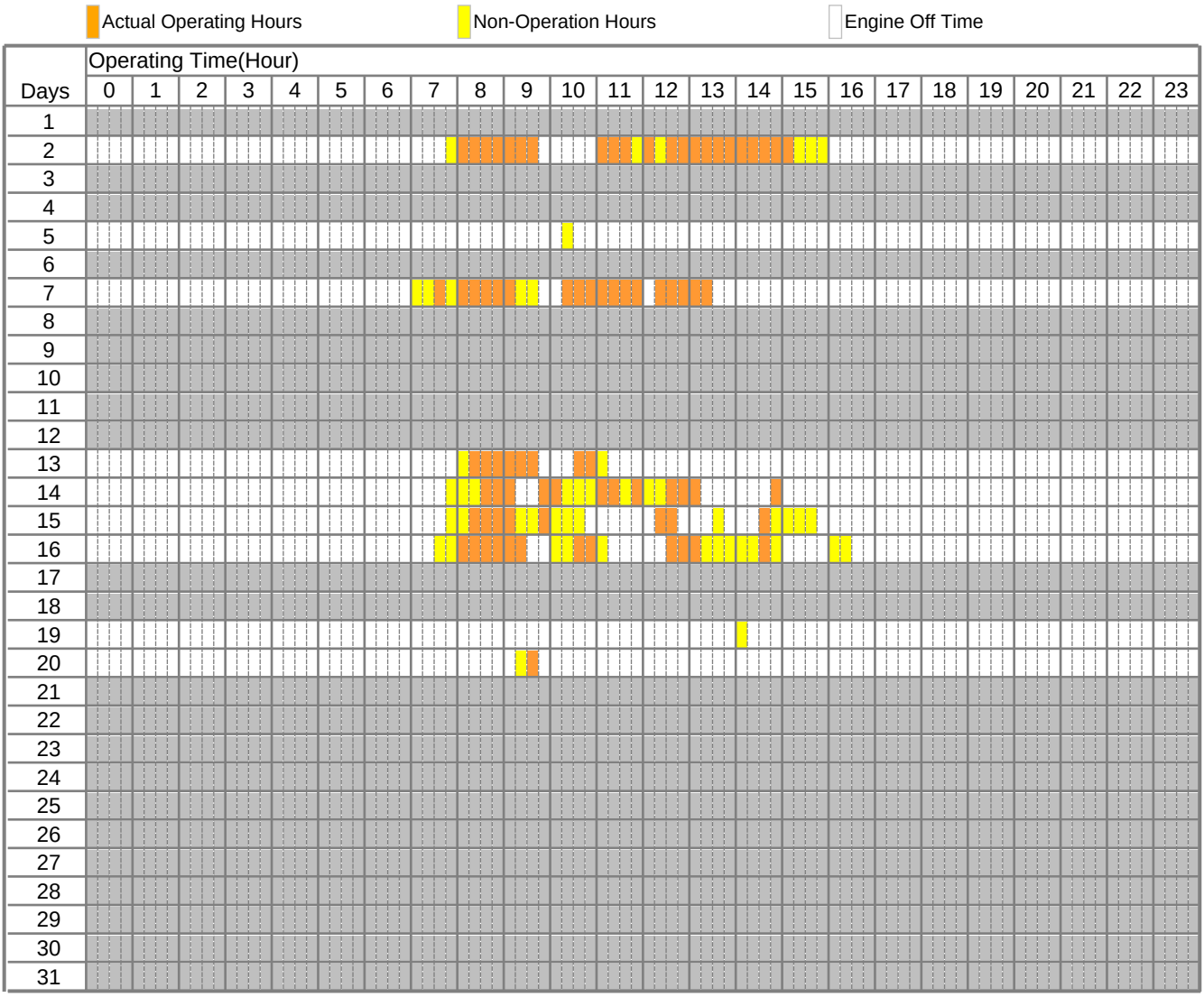
Daily Operating Report		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	30.9 hr(s)
Actual Operating Hours	15.2 hr(s)
Non-Operation Hours	15.6 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003313260-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/07/2021 to 31/07/2021
S/N	308018	Date of Issue	08/08/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003244772-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/07/2021

Reporting Period

01/06/2021 to 30/06/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary

No. of Operating Days	14 Days
Machine Operating Hours	78.9 hr(s)
Fuel Consumption	1,066 l
Ratio of Eco Mode Usage	25 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary

Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary

Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary

Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary

Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary

Actual Operating Hours	51.8 hr(s)
Non-Operation Hours	27.1 hr(s)

Alarm Issuance History

Table of alarms issued

Summary

Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Operating Conditions

Latest Hour Meter Reading	2,765 hr(s)	Time since Delivery	2Year(s) 6Month(s)
No. of Operating Days	14 Days	Machine Operating Hours	78.9 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2	3	4	5
		8.5	2.7	9.0	2.6	
		131	41	103	44	
6	7	8	9	10	11	12
	7.9	0.2				
	136	4				
13	14	15	16	17	18	19
		6.4			9.2	
		96			118	
20	21	22	23	24	25	26
	1.4	7.4	7.7	6.2	8.1	
	24	86	117	67	82	
27	28	29	30			
		1.4				
		20				

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	75 %	ECO Mode	25 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,066 l	Over Preceding Month	-167 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	13.5 l/hr	Over Preceding Month	+1.6 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	2,750 kg	Over Preceding Month	-430 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	34 %(27.1 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	63 %(33.0 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

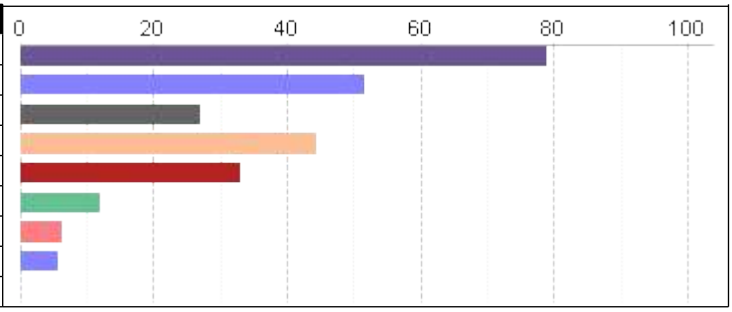
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

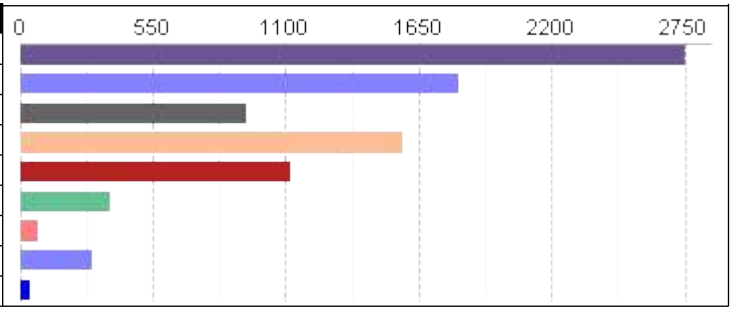
Item	Current Month
Engine Operating Hours	78.9 hr(s)
Actual Operating Hours	51.8 hr(s)
Non-Operation Hours	27.1 hr(s)
Front Operation Hours	44.6 hr(s)
Swing Operation Hours	33.0 hr(s)
Travel Operation Hours	12.2 hr(s)
Fast Speed Mode	6.4 hr(s)
Slow Speed Mode	5.9 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

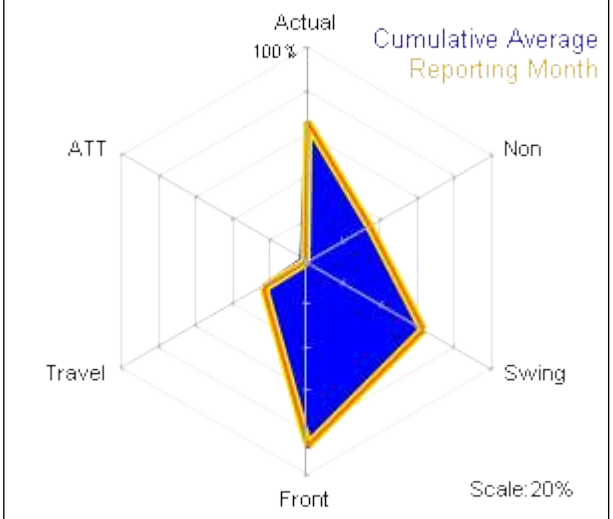
Item	Cumulative Total
Engine Operating Hours	2,749.7 hr(s)
Actual Operating Hours	1,813.1 hr(s)
Non-Operation Hours	936.6 hr(s)
Front Operation Hours	1,582.3 hr(s)
Swing Operation Hours	1,117.0 hr(s)
Travel Operation Hours	373.8 hr(s)
Fast Speed Mode	79.0 hr(s)
Slow Speed Mode	297.7 hr(s)
Attachment Operation Hours	47.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

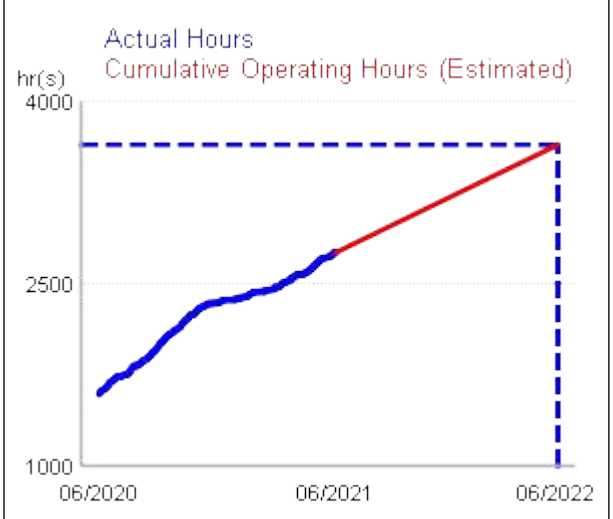
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	3,650 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
3,000 hr(s)	3,250 hr(s)	3,500 hr(s)	3,750 hr(s)
05/10/2021	17/01/2022	30/04/2022	12/08/2022

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

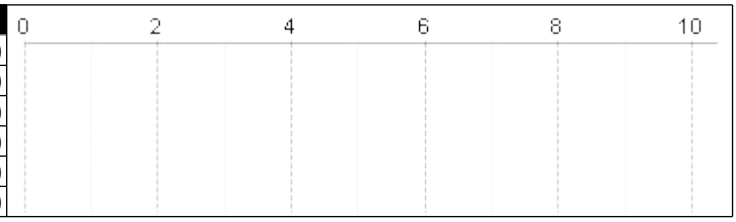
Attachment Operation Hours		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

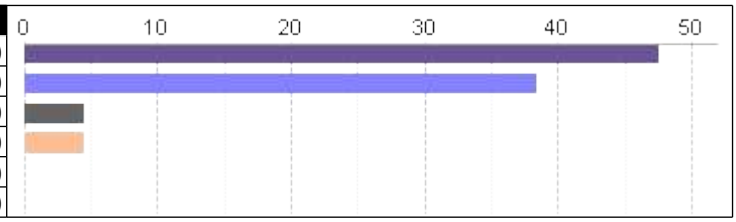
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.6 hr(s)
Breaker Operation	38.5 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



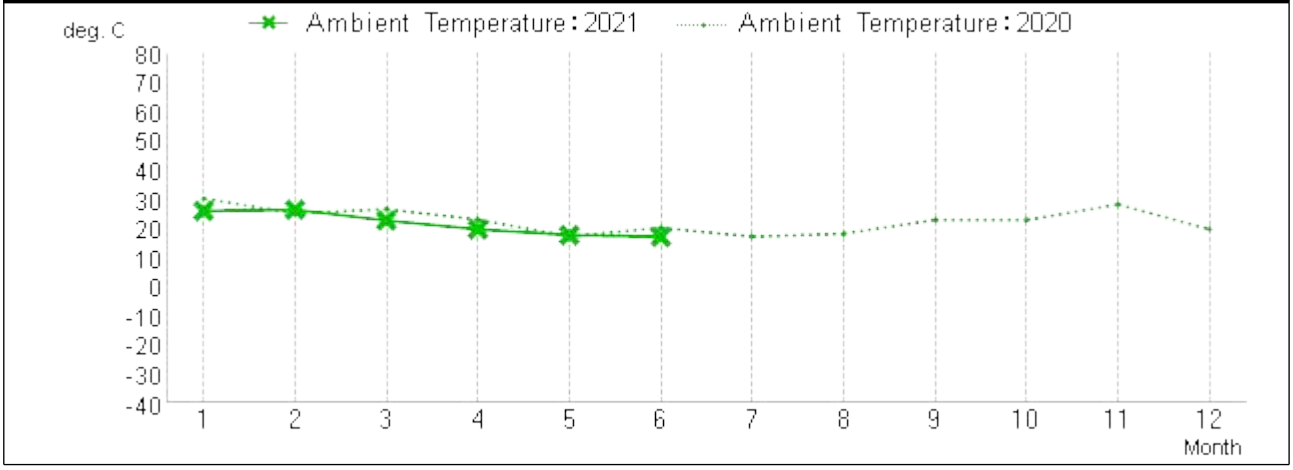
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Transition of Daily Highest Temperatures

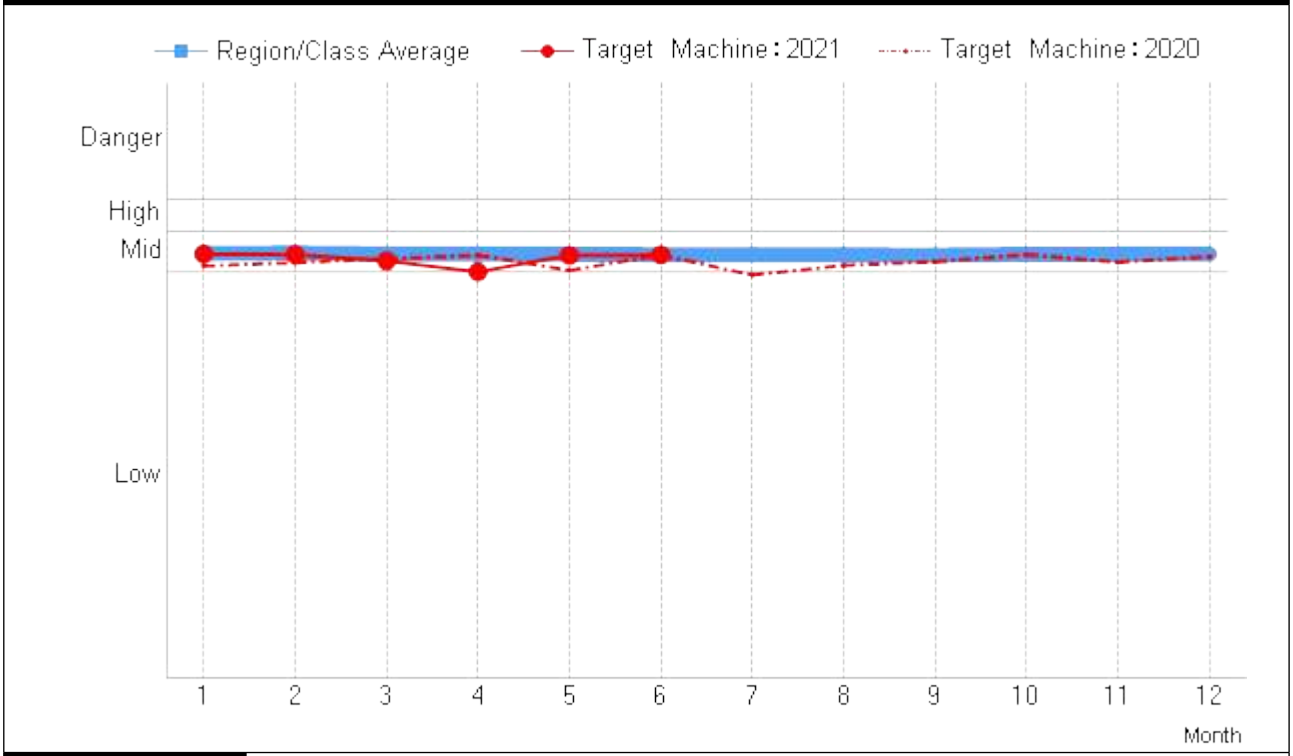
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/06/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

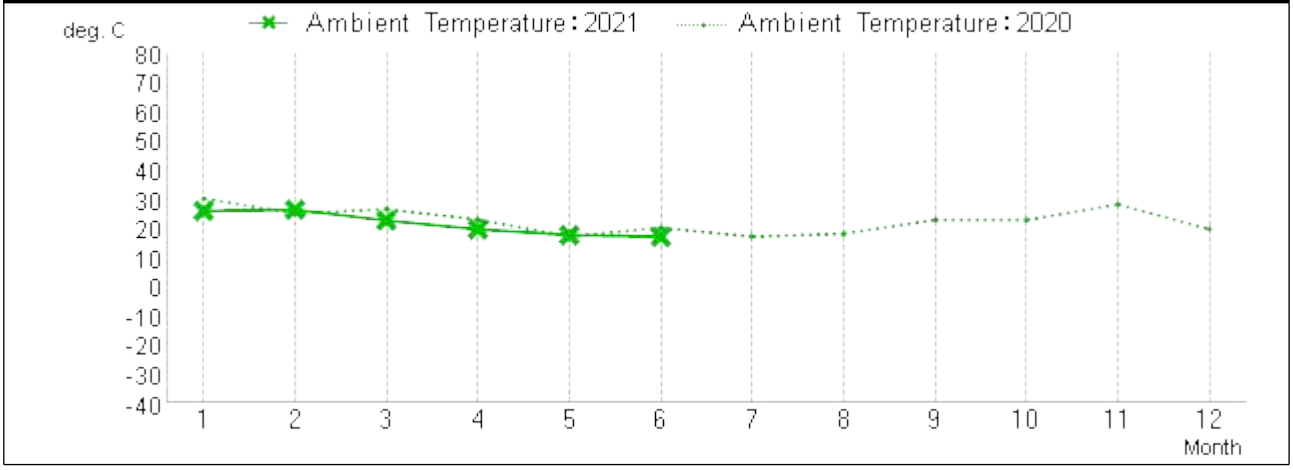
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Transition of Daily Highest Temperatures

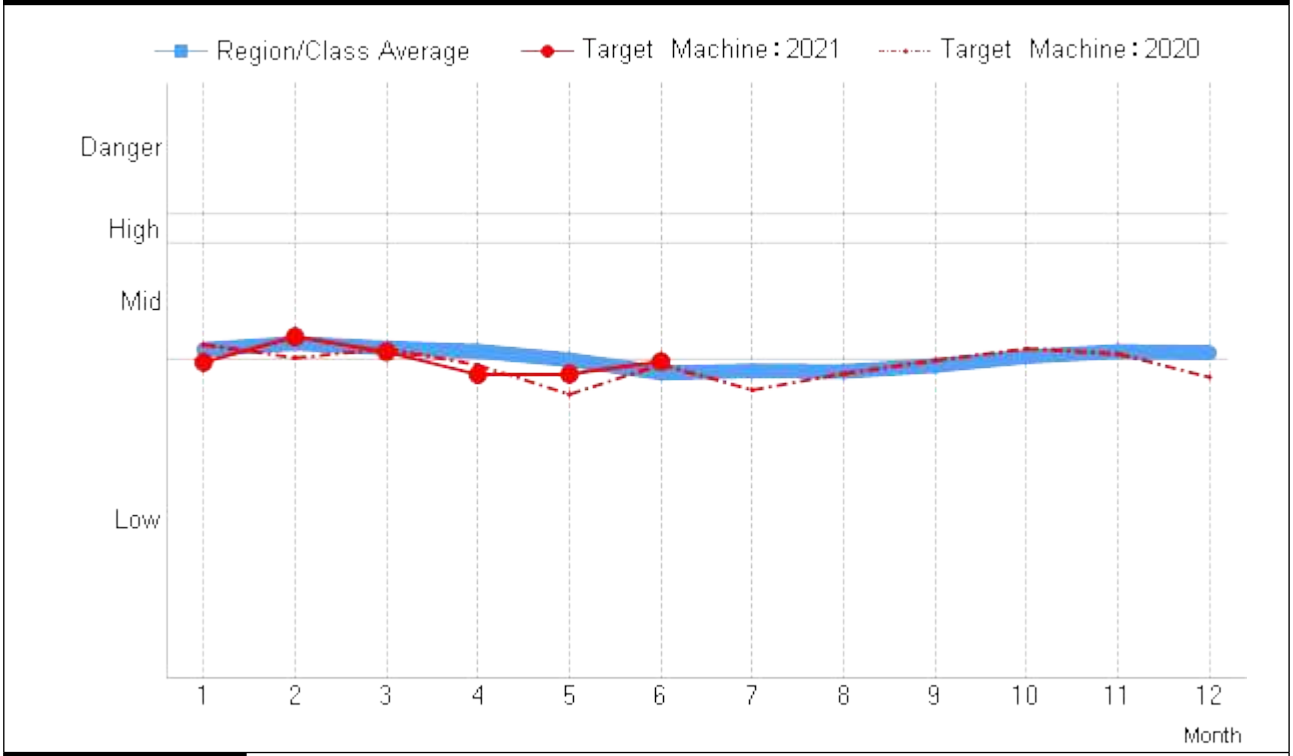
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 30/06/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

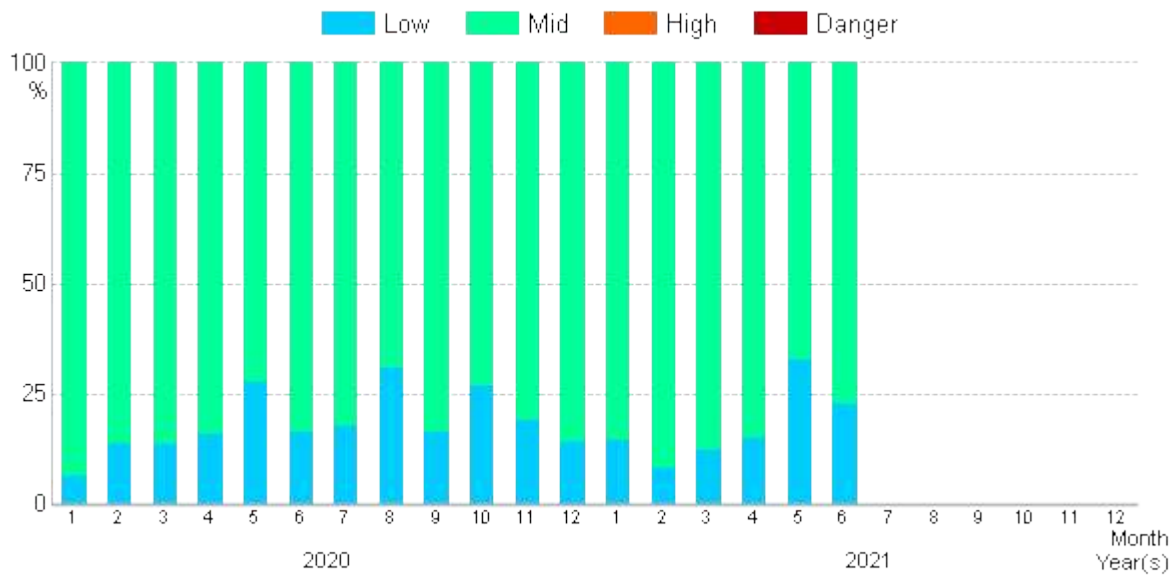
Distribution of Temperatures		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

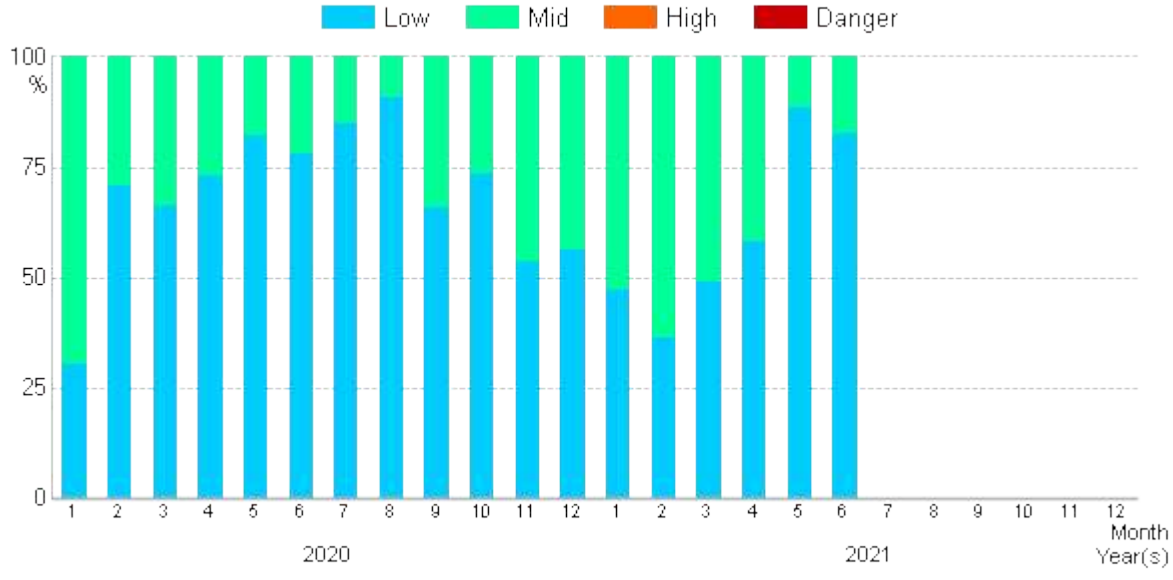
Reporting Period	01/01/2020 to 30/06/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

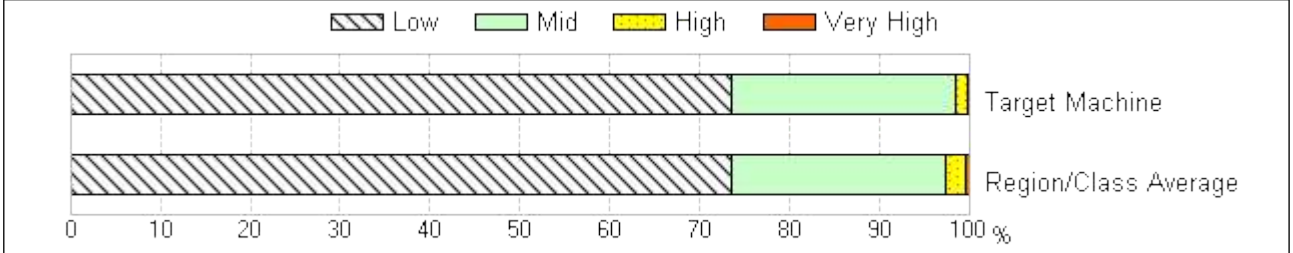
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

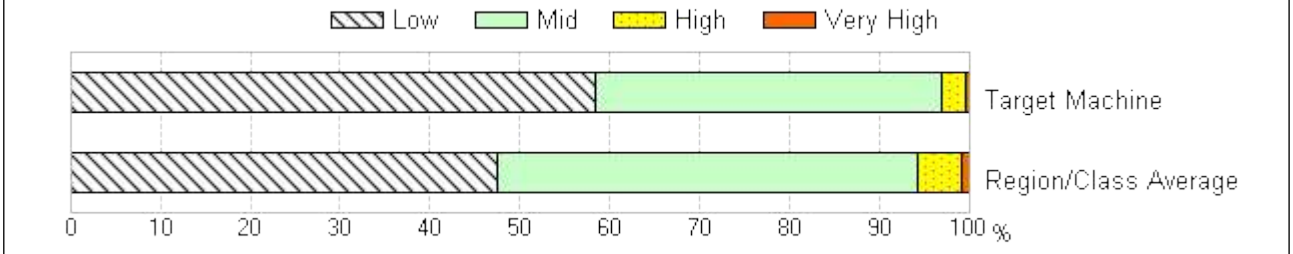
Reporting Period	2,565 hr(s) to 2,765 hr(s)

Pump Pressure



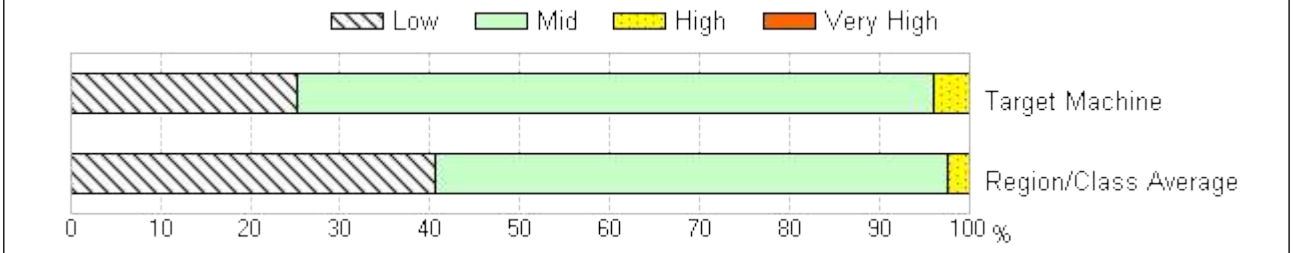
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



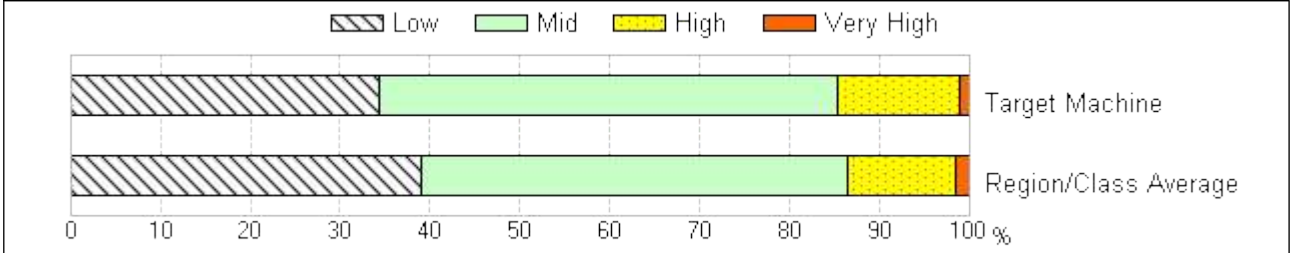
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

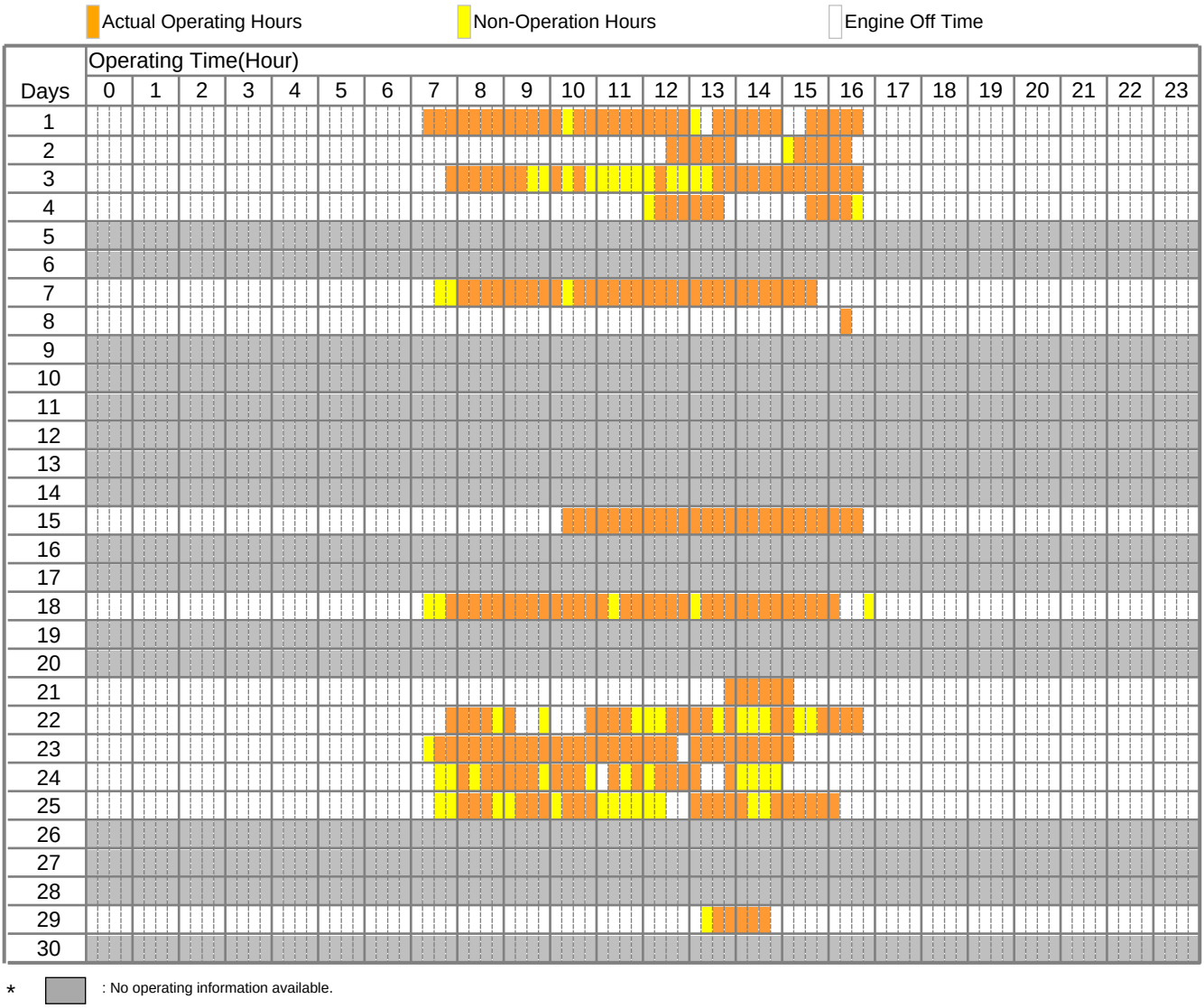
Daily Operating Report		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	78.9 hr(s)
Actual Operating Hours	51.8 hr(s)
Non-Operation Hours	27.1 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003244772-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/06/2021 to 30/06/2021
S/N	308018	Date of Issue	08/07/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.

Machine Operating Information Report

HITACHI CONSTRUCTION MACHINERY (AUSTRALIA) PTY LTD

Report No. DRP-F2609700000-0003173074-0001

Customer

MFC CONTRACTORS

Machines under ConSite Contract

Model Code	Model Name	S/N	PIN/VIN
DCN21	ZX225USLC-5B	308018	HCMDCN21H00308018

Machine ID

Date of Issue

08/06/2021

Reporting Period

01/05/2021 to 31/05/2021

Contents and Summaries

Operating Hours and Conditions

Operating Conditions
ECO Operation Report
Operating Hours (Details)
Analysis of Operating Condition

Summary	
No. of Operating Days	21 Days
Machine Operating Hours	103.8 hr(s)
Fuel Consumption	1,233 l
Ratio of Eco Mode Usage	64 %
ECO Index (Non-Operation Ratio)	A B [C] D
ECO Index (Swing Operation Ratio)	A B [C] D

Attachment Operation Hours

Total Operation Hours for this month

Summary	
Operation hours for this month	0.0 hr(s)

Transition of Highest Coolant Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Mid

Transition of Highest Hydraulic Oil Temperatures

Transition of Daily Highest Temperatures

Summary	
Monthly averaged highest temperature	Low

Distribution of Temperatures

Coolant Temperature Distribution Chart
Hydraulic Oil Temperature Distribution Chart

Summary	
Coolant	The machine operated mostly in the "Mid" temperature range.
Hydraulic Oil	The machine operated mostly in the "Low" temperature range.

Tendency of Pump Pressure in the latest 200hrs

Pump Pressure
Pump Pressure (Digging)
Pump Pressure (Traveling)
Pump Pressure (Swing)

Summary	
Pump Pressure	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Digging)	The machine operated mostly in the "Low" pump pressure range.
Pump Pressure (Traveling)	The machine operated mostly in the "Mid" pump pressure range.
Pump Pressure (Swing)	The machine operated mostly in the "Mid" pump pressure range.

Daily Operating Report

Daily Operating Report (Details)

Summary	
Actual Operating Hours	59.9 hr(s)
Non-Operation Hours	43.9 hr(s)

Alarm Issuance History

Table of alarms issued

Summary	
Number of ConSite alarms during the reporting month	0 Times

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

ConSite

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Operating Conditions

Latest Hour Meter Reading	2,686 hr(s)	Time since Delivery	2Year(s) 5Month(s)
No. of Operating Days	21 Days	Machine Operating Hours	103.8 hr(s)

Operating Conditions Calendar

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1
2	3	4	5	6	7	8
		0.3 / 3	3.0 / 27	5.6 / 44	1.9 / 9	
9	10	11	12	13	14	15
		5.9 / 34	3.0 / 49	7.4 / 80	7.6 / 116	
16	17	18	19	20	21	22
	5.4 / 56	7.0 / 97	5.8 / 72	0.6 / 7	6.7 / 76	3.3 / 30
23	24	25	26	27	28	29
	9.0 / 133	5.7 / 78	4.7 / 60	7.0 / 93	0.9 / 14	4.5 / 64
30	31					
	8.7 / 96					

Color Legend

15.0 / 225	Daily operating hours are 6.1 hrs or more.
5.0 / 75	Daily operating hours are 6.0 hrs or less.
2.0 / 30	Daily operating hours are 4.0 hrs or less.
	No Operating

Item Legend

1	Date
5.0	Operating Hours[hr(s)]
75	Fuel Consumption[l]

Power Mode Ratio

PWR Mode	36 %	ECO Mode	64 %

* Fuel consumption can be improved by using ECO mode.

Fuel Efficiency & CO2

Fuel Consumption	1,233 l	Over Preceding Month	+174 l

* The fuel consumption amount shown above was theoretically calculated and is slightly different from the actually consumed amount.
It is either calculated from theoretical injection amounts or extrapolated from hydraulic pump loads.

Fuel Efficiency	11.9 l/hr	Over Preceding Month	-3.3 l/hr

* Fuel efficiency is calculated based on fuel consumption / operating hours. Fuel Efficiency improves with less non-operation hours.

CO2 Emission Amount	3,180 kg	Over Preceding Month	+448 kg

* The CO2 emission amount was calculated based on the fuel consumption amount.

ECO Operation Report

Non-Operation Ratio	42 %(43.9 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Non-Operation ratio is high. Fuel consumption can be reduced by stopping the engine during waiting time or short rest.

* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

A:Non-Operation ratio is 0 to 21%
B:Non-Operation ratio is 22 to 33%
C:Non-Operation ratio is 34 to 45%
D:Non-Operation ratio is 46 to 100%

Swing Operation Ratio	64 %(38.6 hr(s))

* The upper graph shows the value of the target machine.
The lower graph shows the average value of the region & model class.

Index	A	B	C	D

Efficient ←

Comment	Swing operating time ratio is very high. In general, work efficiency can be improved by reducing swing ratio.

A:Swing Operation ratio is 0 to 51%
B:Swing Operation ratio is 52 to 61%
C:Swing Operation ratio is 62 to 71%
D:Swing Operation ratio is 72 to 100%

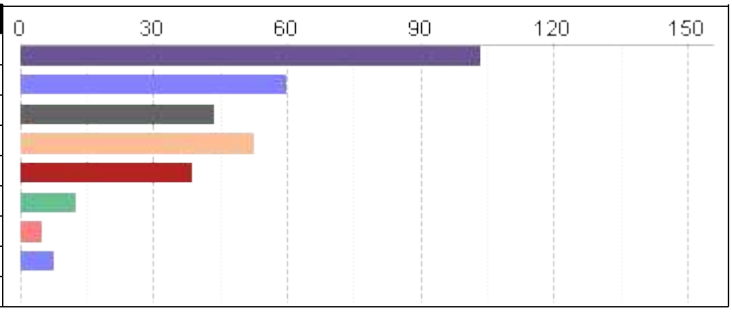
Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Operating Hours and Conditions		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Operating Hours (Details)

Operating Hours of the Reporting Period

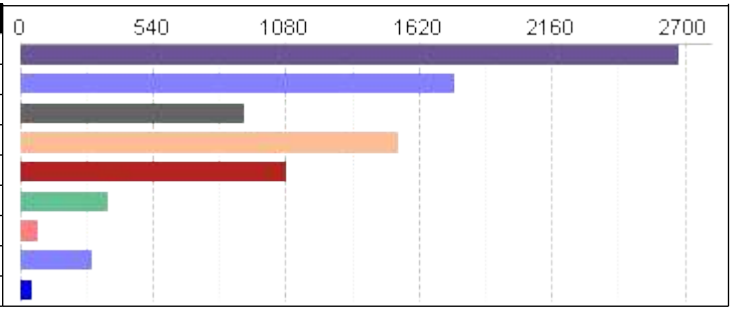
Item	Current Month
Engine Operating Hours	103.8 hr(s)
Actual Operating Hours	59.9 hr(s)
Non-Operation Hours	43.9 hr(s)
Front Operation Hours	52.6 hr(s)
Swing Operation Hours	38.6 hr(s)
Travel Operation Hours	12.8 hr(s)
Fast Speed Mode	5.1 hr(s)
Slow Speed Mode	7.7 hr(s)
Attachment Operation Hours	0.0 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Cumulative Operating Hours

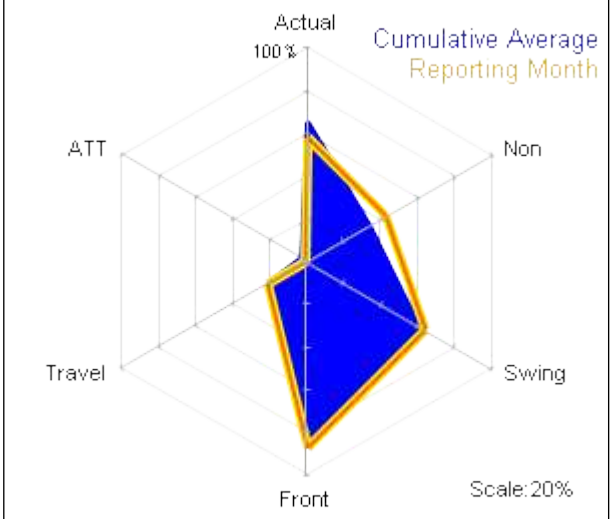
Item	Cumulative Total
Engine Operating Hours	2,675.1 hr(s)
Actual Operating Hours	1,765.8 hr(s)
Non-Operation Hours	909.4 hr(s)
Front Operation Hours	1,541.6 hr(s)
Swing Operation Hours	1,087.3 hr(s)
Travel Operation Hours	361.6 hr(s)
Fast Speed Mode	73.2 hr(s)
Slow Speed Mode	292.1 hr(s)
Attachment Operation Hours	47.6 hr(s)



* Total hours of operation may exceed engine running time due to combined operation.

Analysis of Operating Condition

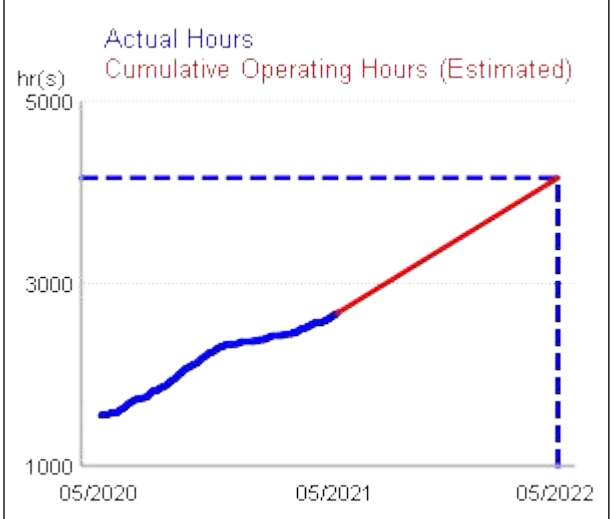
Ratio of Each Operation Hours



Comment	Operation Hours in this month is about the same as Cumulative operating average.

* Actual operating time ratio and non-operating time ratio are respective time ratios to the engine operating time. Other time ratios are ratios to the actual operating time.

Transition of Cumulative Engine Operating Hours



Estimated Machine Operating Hours (After one year)	4,169 hr(s)

* The estimated hours are calculated based on the cumulative engine operating hours up to the reporting month. Actual operating hours will be greatly different from the estimated hours if the machine's operating site or condition changes.

Expected Milestone Dates			
2,750 hr(s)	3,000 hr(s)	3,250 hr(s)	3,500 hr(s)
16/06/2021	17/08/2021	18/10/2021	18/12/2021

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

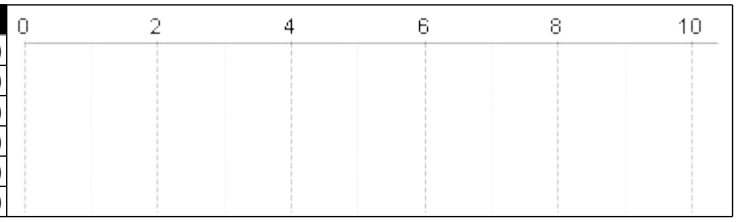
Attachment Operation Hours		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Total Operation Hours for this month

The table shows the operation hours in each attachment mode set by the monitors.

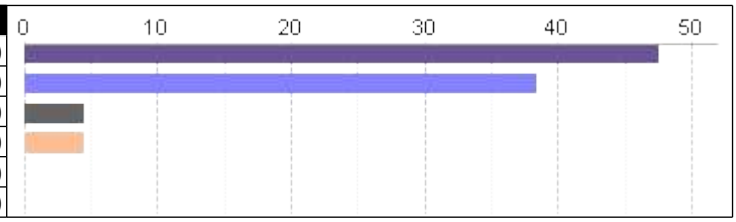
Operating Hours of the Reporting Period

Item	Current Month
Attachment Operation Hours	0.0 hr(s)
Breaker Operation	0.0 hr(s)
Pulverize Operation	0.0 hr(s)
Crusher Operation	0.0 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



Cumulative Operating Hours

Item	Cumulative Total
Attachment Operation Hours	47.6 hr(s)
Breaker Operation	38.5 hr(s)
Pulverize Operation	4.5 hr(s)
Crusher Operation	4.6 hr(s)
Vibration Hammer Operation	0.0 hr(s)
Other Attachment Operation	0.0 hr(s)



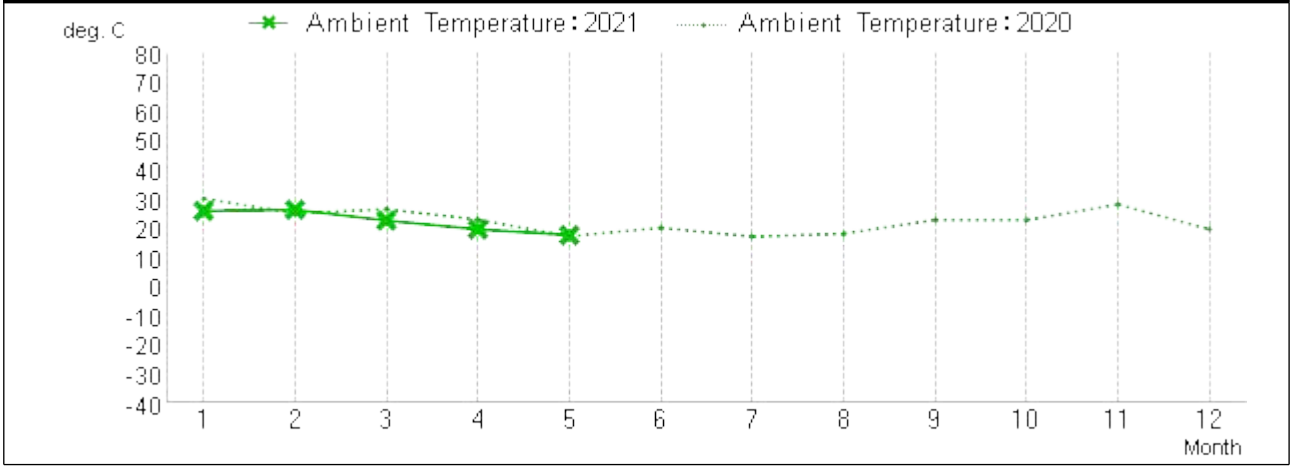
Transition of Highest Coolant Temperatures		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Transition of Daily Highest Temperatures

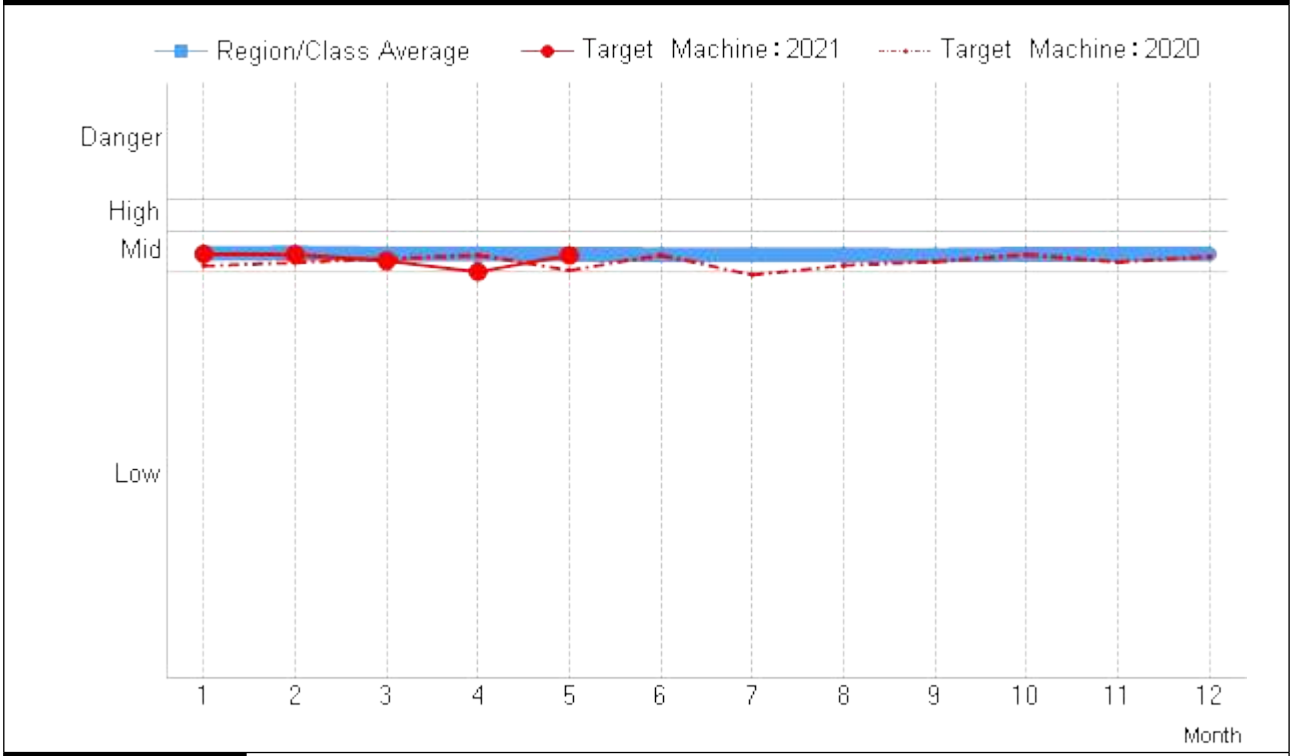
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/05/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

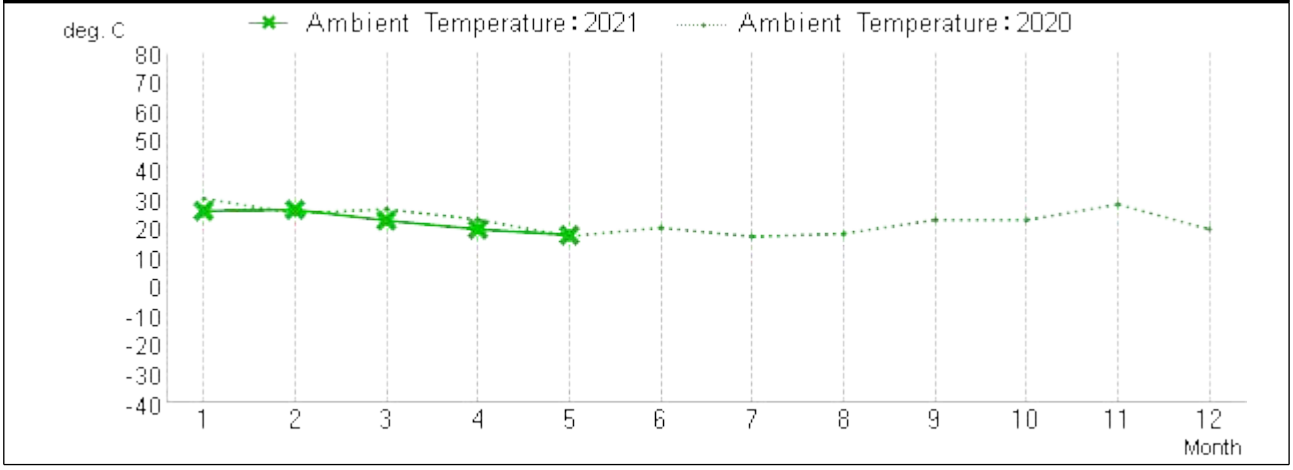
Transition of Highest Hydraulic Oil Temperatures		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Transition of Daily Highest Temperatures

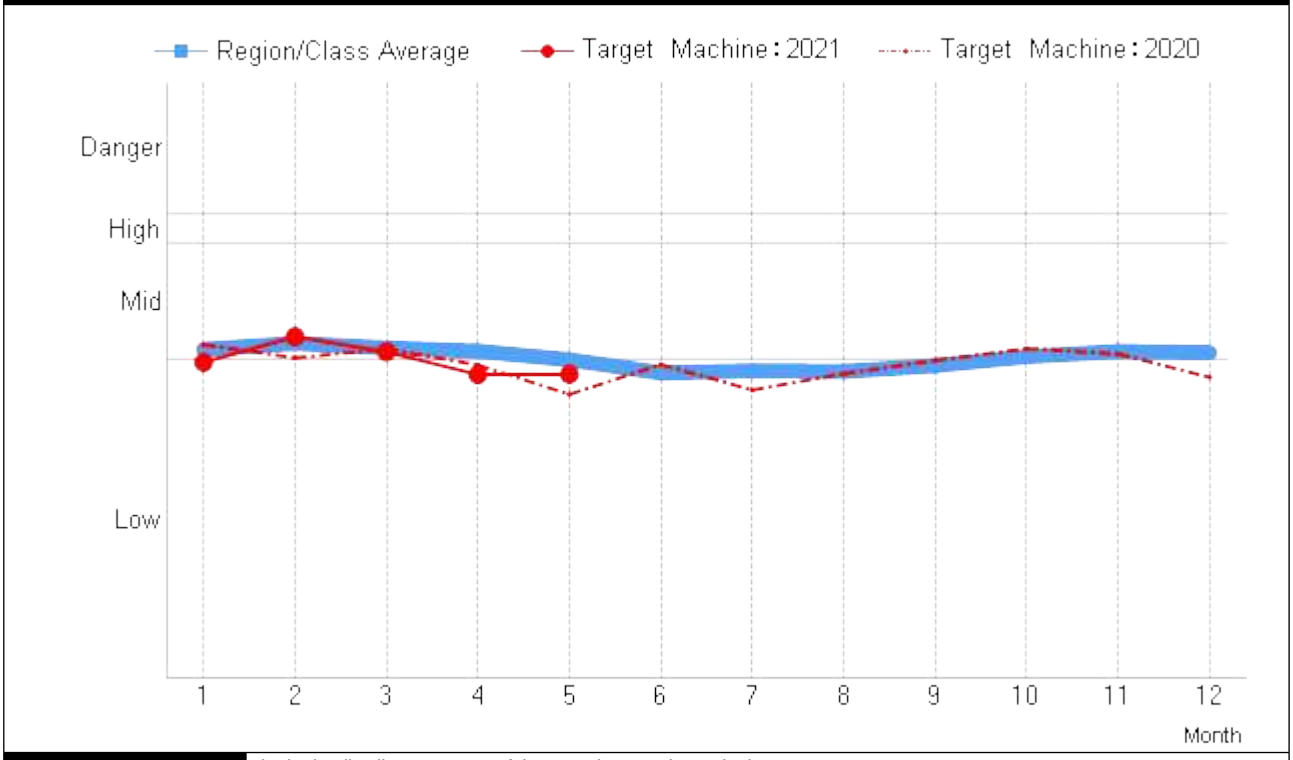
The following graph indicates transition of monthly averaged daily highest temperatures.

Reporting Period	01/01/2020 to 31/05/2021

Transition of average ambient temperature



Transition of Daily Highest Temperatures



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

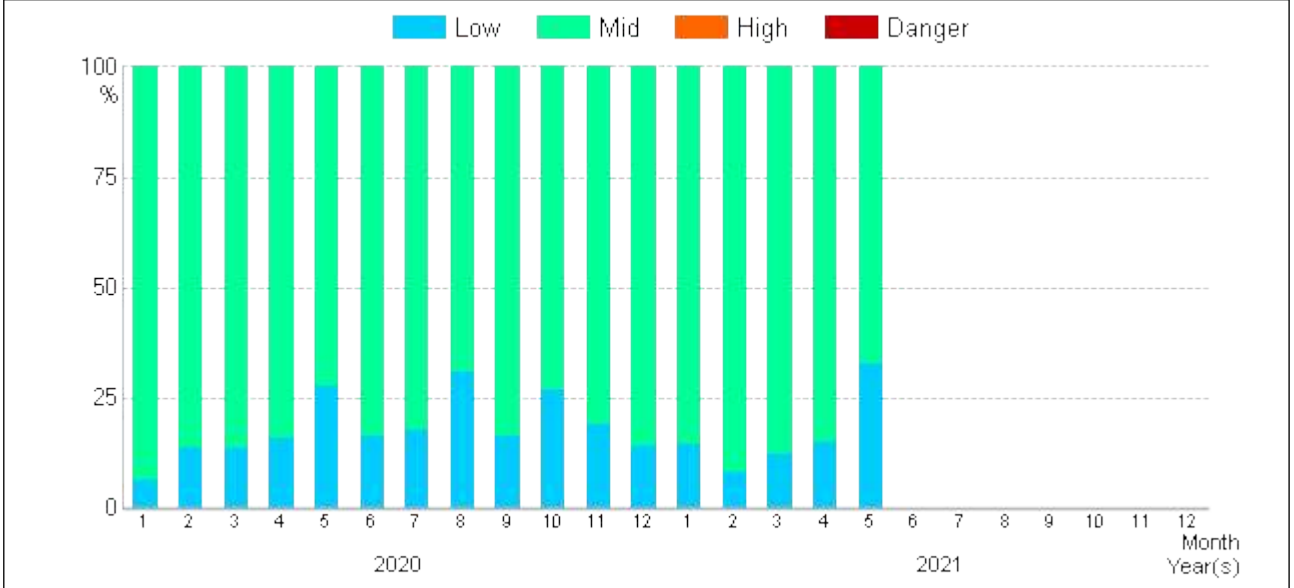
Distribution of Temperatures		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Distribution of Temperatures

The graph shows the monthly distribution of temperatures with a summary of daily temperature.

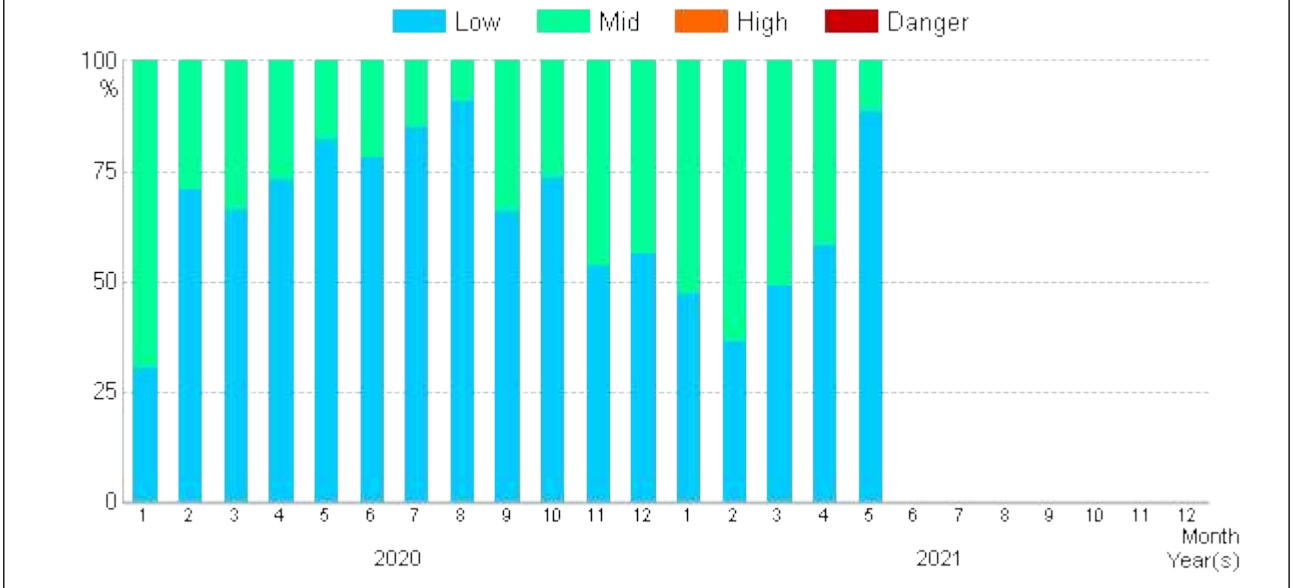
Reporting Period	01/01/2020 to 31/05/2021

Coolant Temperature Distribution Chart



Comment	The coolant temperature of the reporting month was in the "Mid" temperature range.

Hydraulic Oil Temperature Distribution Chart



Comment	The hydraulic oil temperature of the reporting month was in the "Low" temperature range.

* Danger: Excessively high temperature range (overheating).
* Low, Mid, and High: Normal temperature range.

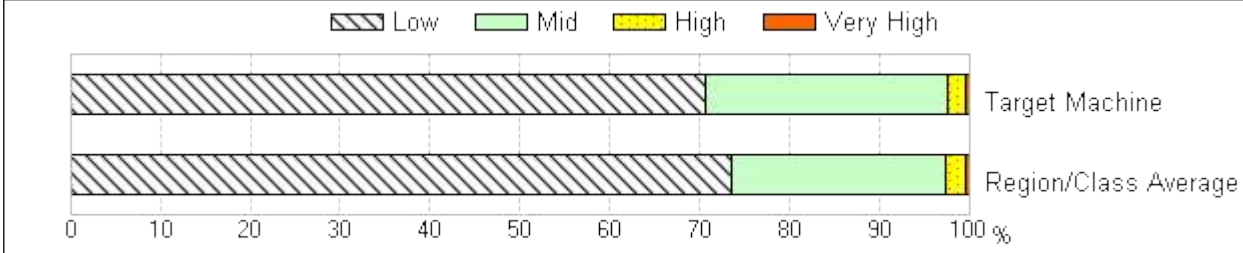
Tendency of Pump Pressure in the latest 200hrs		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Tendency of Pump Pressure in the latest 200hrs

The graphs below show the range of pressure in the reporting period.
The horizontal axis shows the ratio for each pressure range in the reporting period.

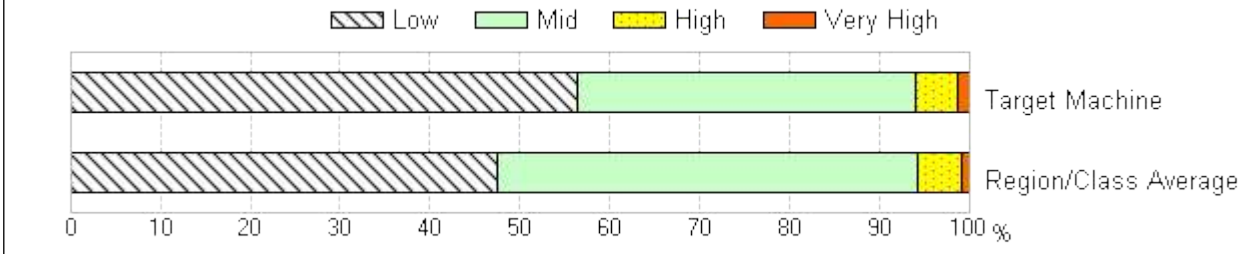
Reporting Period	2,486 hr(s) to 2,686 hr(s)

Pump Pressure



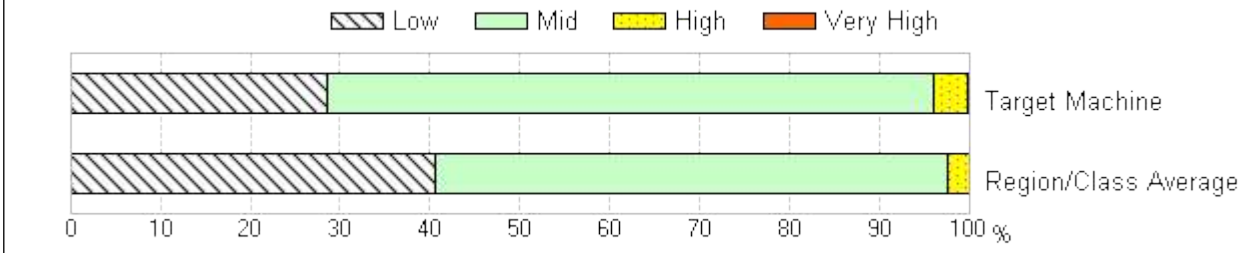
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Digging)



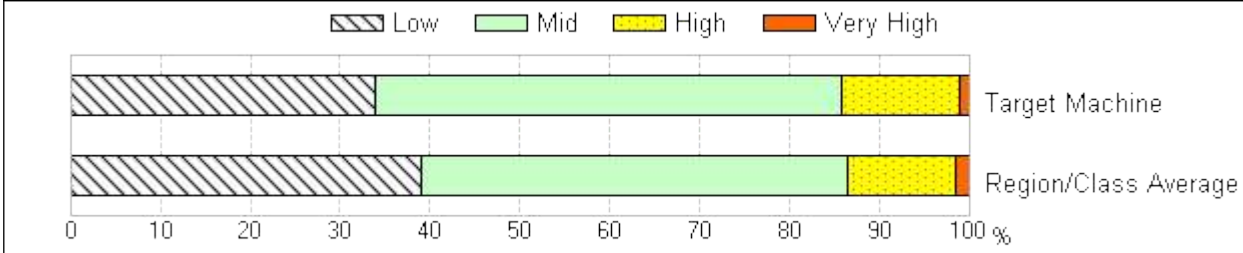
Comment	The machine operated mostly in the "Low" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Traveling)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Pump Pressure (Swing)



Comment	The machine operated mostly in the "Mid" pump pressure range. The lower bar chart indicates the regional & class average.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

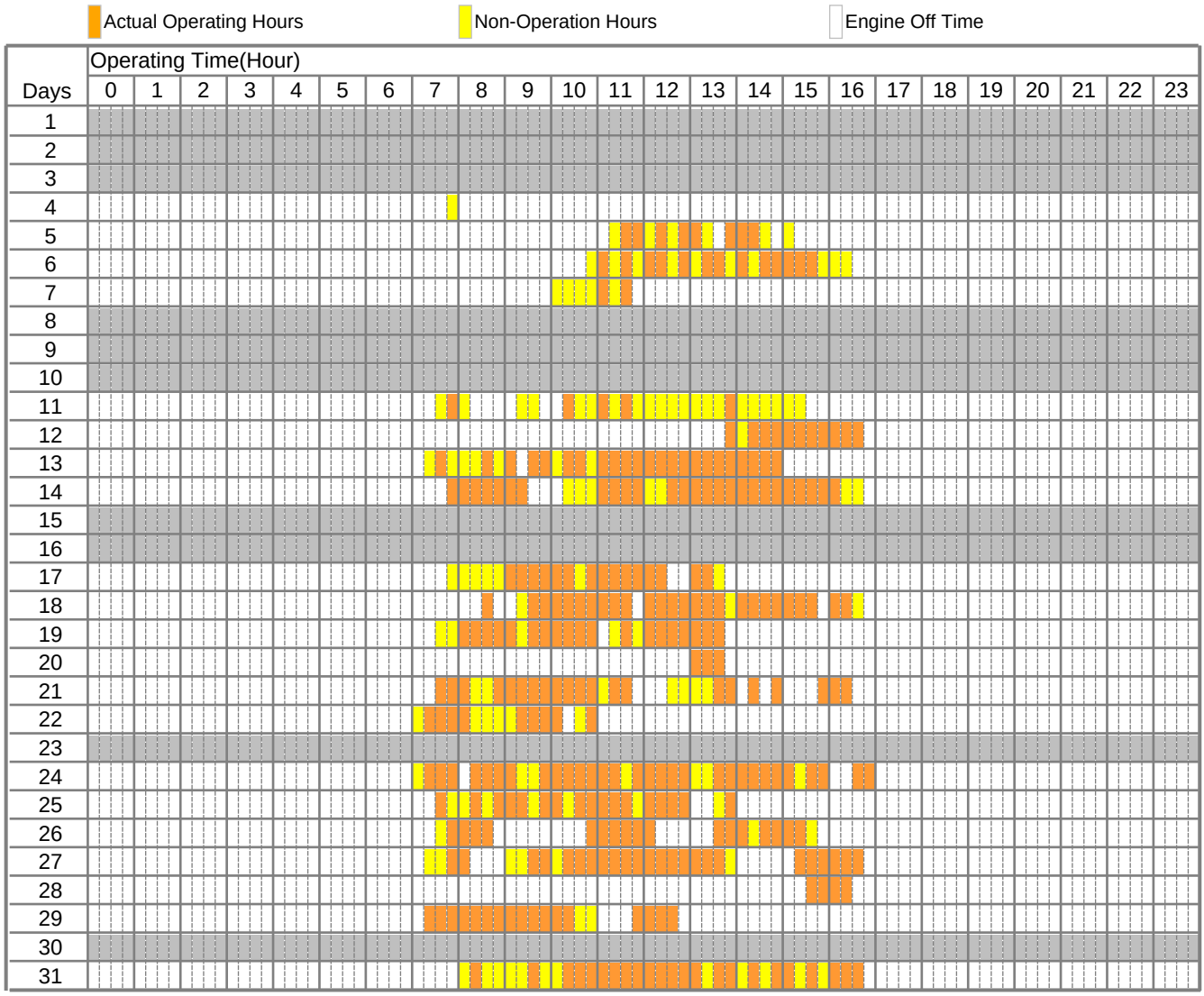
Daily Operating Report		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

Operating Hours of the Reporting Period

Machine Operating Hours	103.8 hr(s)
Actual Operating Hours	59.9 hr(s)
Non-Operation Hours	43.9 hr(s)



* : No operating information available.

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Alarm Issuance History		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Table of alarms issued

ConSite alarms during the reporting period are shown in the reverse order of issuance up to as many as can be shown on one page.

Number of ConSite alarms during the reporting month	0 Times

Issuance date/Number of alarms	ConSite Fault Name	ConSite Fault Code

Note: This report is based on data that has been registered on Global e-Service. It may not reflect the latest condition of the machine.

Supplement: Explanation of Terminology		Report No.	DRP-F2609700000-0003173074-0001
		Machine ID	
Model Name	ZX225USLC-5B	Reporting Period	01/05/2021 to 31/05/2021
S/N	308018	Date of Issue	08/06/2021

Explanation of Terms Used In This Report

Item	Description
Engine Operating Hours	Total hours of Actual Operating Hours and Idling Time.
Engine Off Time	Time in which the engine is not running.
Front Operation Hours	Total front operation hours of the machine.
Swing Operation Hours	Total swing operation hours of the machine.
Travel Operation Hours	Total travel operation hours of the machine.
Non-Operation Hours	Total non-operation hours of the machine (Idling Time)
Actual Operating Hours	Hours which are gotten by subtracting Non-Operation Hours from engine operating hours
Pump Pressure	Pump pressure during digging, travel, and swing lever operation.
Pump Pressure (Digging)	Pump pressure during front lever operation
Pump Pressure (Traveling)	Pump pressure during travel lever operation
Pump Pressure (Swing)	Pump Pressure during swing lever operation
Ambient Temperature	Ambient temperatures recorded on the machine tend to be higher than the actual surrounding area temperatures since the sensor is located inside the engine cover.