ConSite

S12-12

# Machine Operating Information Report

WAJAX EDMONTON (HQ)

Report No. DRP-F2610077000-0006686728-0005

**Customer**

YELLOW IRON WORX LTD

**Machines under ConSite Contract**

| Model Code | Model Name | S/N | PIN/VIN |
|---|---|---|---|
| DDQ60 | ZX350LC-6 | 082521 | HCMDDQ60C00082521 |

Machine ID

**Date of Issue**

08/01/2025

**Reporting Period**

01/12/2024 to 31/12/2024

**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 | 23.4 hr(s) |
| Fuel Consumption | 104 l |
| Usage of Urea Water | 0.2 l |
| Ratio of Eco Mode Usage | 0 % |
| 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 | 0.1 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 | 0.9 hr(s) |
| Non-Operation Hours | 22.5 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-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Operating Conditions

| Latest Hour Meter Reading | 1,126 hr(s) | Time since Delivery | 1Year(s) 7Month(s) |
|---|---|---|---|
| No. of Operating Days | 5 Days | Machine Operating Hours | 23.4 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 |
| | | | 1.8 | 0.1 | 0.3 | |
| | | | 17 | 0 | 3 | |
| | | | 0.0 | 0.0 | 0.0 | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 12.5 | 8.7 | | | | | |
| 45 | 39 | | | | | |
| 0.0 | 0.1 | | | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| | | | | | | |
| 29 | 30 | 31 | | | | |
| | | | | | | |

### Color Legend

| | |
|---|---|
| 15.0<br>225<br>4.5 | Daily operating hours are 6.1 hrs or more. |
| 4.5<br>68<br>1.4 | Daily operating hours are 6.0 hrs or less. |
| 1.5<br>23<br>0.5 | Daily operating hours are 3.0 hrs or less. |
| | No Operating |

### Item Legend

| | |
|---|---|
| 1 | Date |
| 4.5 | Operating Hours[hr(s)] |
| 68 | Fuel Consumption[l] |
| 1.4 | Usage of Urea Water[l] |

### Power Mode Ratio

| PWR Mode | 100 % | ECO Mode | 0 % |
|---|---|---|---|

* Fuel consumption can be improved by using ECO mode.

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-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Operating Conditions

### Fuel Efficiency/CO2/Urea Water

| Fuel Consumption | 104 l | Over Preceding Month | -1,024 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.

| Average fuel consumption | 4.4 l/hr | Over Preceding Month | -15.5 l/hr |
|---|---|---|---|

* Average fuel consumption is calculated based on fuel consumption/operating hours. The average fuel consumption value will decrease if the non-operation hours is long.

| CO2 Emission Amount | 267 kg | Over Preceding Month | -2,641 kg |
|---|---|---|---|

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

| Usage of Urea Water | 0.2 l | Over Preceding Month | -32.3 l |
|---|---|---|---|

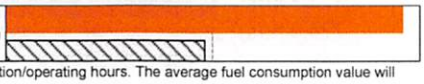
* The usage of urea water showen avove was theoretically calculated and is slightly different from the actually used amount

| Average usage of Urea Water | 0.0 l/hr | Over Preceding Month | -0.6 l/hr |
|---|---|---|---|

* Average usage of urea water was calculated based on th Usage of Urea Water/Engine Operating Hours.The average usage of urea water value will decrease if the non-operation hours is lomg.

## ECO Operation Report

| Non-Operation Ratio | 96 %(22.5 hr(s)) |
|---|---|



* Average fuel consumption is calculated based on fuel consumption/operating hours. The average fuel consumption value will decrease if the non-operation hours is long.

| 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. |
|---|---|

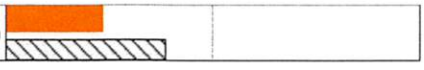
* For example 20t class excavator, approximately 2 l/hr of fuel is consumed during idling and 4 l/hr of fuel is consumed during auto idling.

| Index | A | B | C | D |
|---|---|---|---|---|

Efficient ←

A:Non-Operation ratio is 0 to 26%
B:Non-Operation ratio is 27 to 42%
C:Non-Operation ratio is 43 to 58%
D:Non-Operation ratio is 59 to 100%

| Swing Operation Ratio | 23 %(0.2 hr(s)) |
|---|---|



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

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

| Index | A | B | C | D |
|---|---|---|---|---|

Efficient ←

A:Swing Operation ratio is 0 to 49%
B:Swing Operation ratio is 50 to 60%
C:Swing Operation ratio is 61 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.

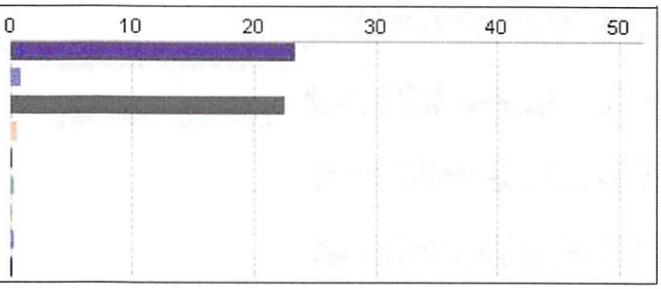
ConSite

| Operating Hours and Conditions | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Operating Hours (Details)

### Operating Hours of the Reporting Period

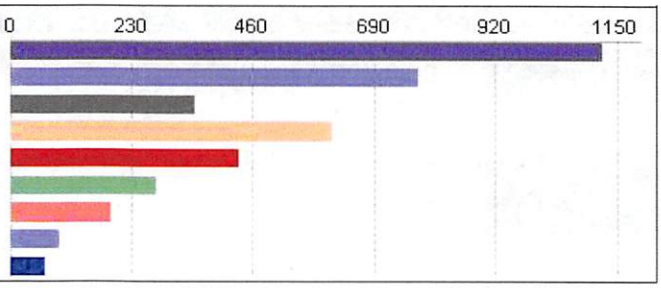
| Item | Current Month |
|---|---|
| Engine Operating Hours | 23.4 hr(s) |
| Actual Operating Hours | 0.9 hr(s) |
| Non-Operation Hours | 22.5 hr(s) |
| Front Operation Hours | 0.6 hr(s) |
| Swing Operation Hours | 0.2 hr(s) |
| Travel Operation Hours | 0.4 hr(s) |
| Fast Speed Mode | 0.1 hr(s) |
| Slow Speed Mode | 0.3 hr(s) |
| Attachment Operation Hours | 0.1 hr(s) |




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

### Cumulative Operating Hours

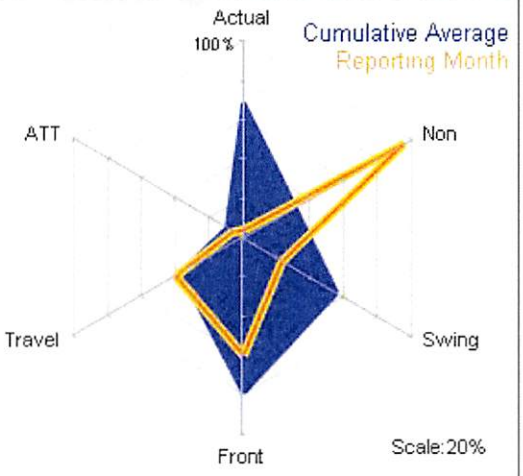
| Item | Cumulative Total |
|---|---|
| Engine Operating Hours | 1,124.7 hr(s) |
| Actual Operating Hours | 774.9 hr(s) |
| Non-Operation Hours | 349.8 hr(s) |
| Front Operation Hours | 612.0 hr(s) |
| Swing Operation Hours | 435.0 hr(s) |
| Travel Operation Hours | 278.1 hr(s) |
| Fast Speed Mode | 189.9 hr(s) |
| Slow Speed Mode | 94.9 hr(s) |
| Attachment Operation Hours | 68.3 hr(s) |




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

## Analysis of Operating Condition

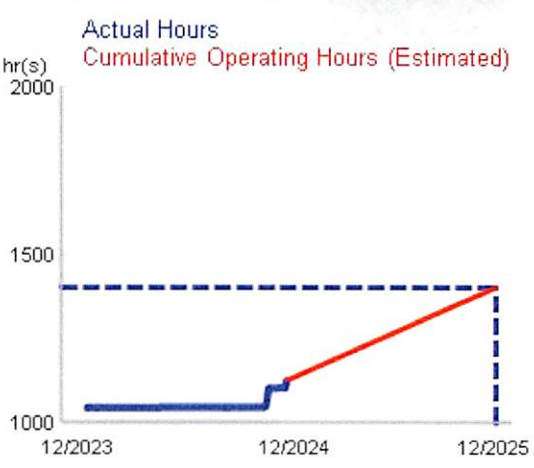
### Ratio of Each Operation Hours




| Comment | Non Operation Hours in this month is higher than Cumulative operating average. Actual,Swing,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) | 1,404 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 | | | |
|---|---|---|---|
| 1,250 hr(s) | 1,500 hr(s) | 1,750 hr(s) | 2,000 hr(s) |
| 04/06/2025 | 13/05/2026 | 20/04/2027 | 28/03/2028 |

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.

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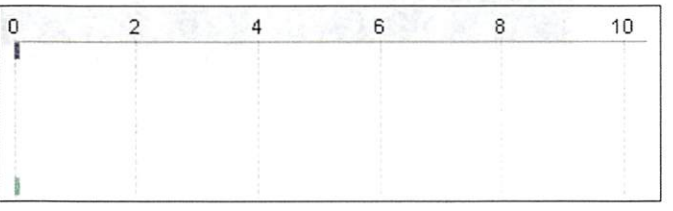
| Attachment Operation Hours | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Total Operation Hours for this month

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

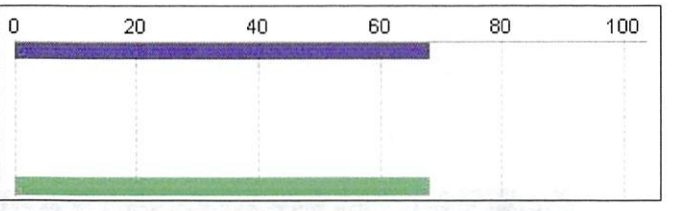
### Operating Hours of the Reporting Period

| Item | Current Month |
|---|---|
| Attachment Operation Hours | 0.1 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 | 0.1 hr(s) |




### Cumulative Operating Hours

| Item | Cumulative Total |
|---|---|
| Attachment Operation Hours | 68.3 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 | 68.3 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.

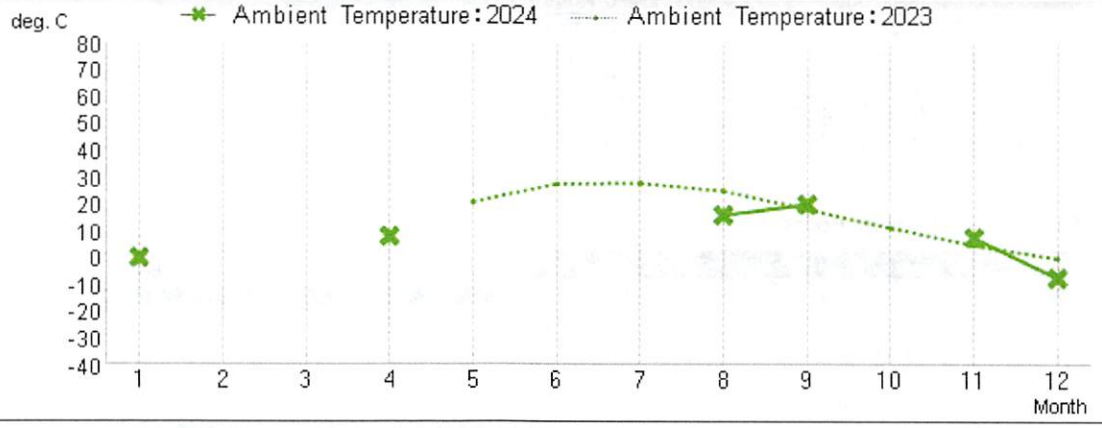
| Transition of Highest Coolant Temperatures | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Transition of Daily Highest Temperatures

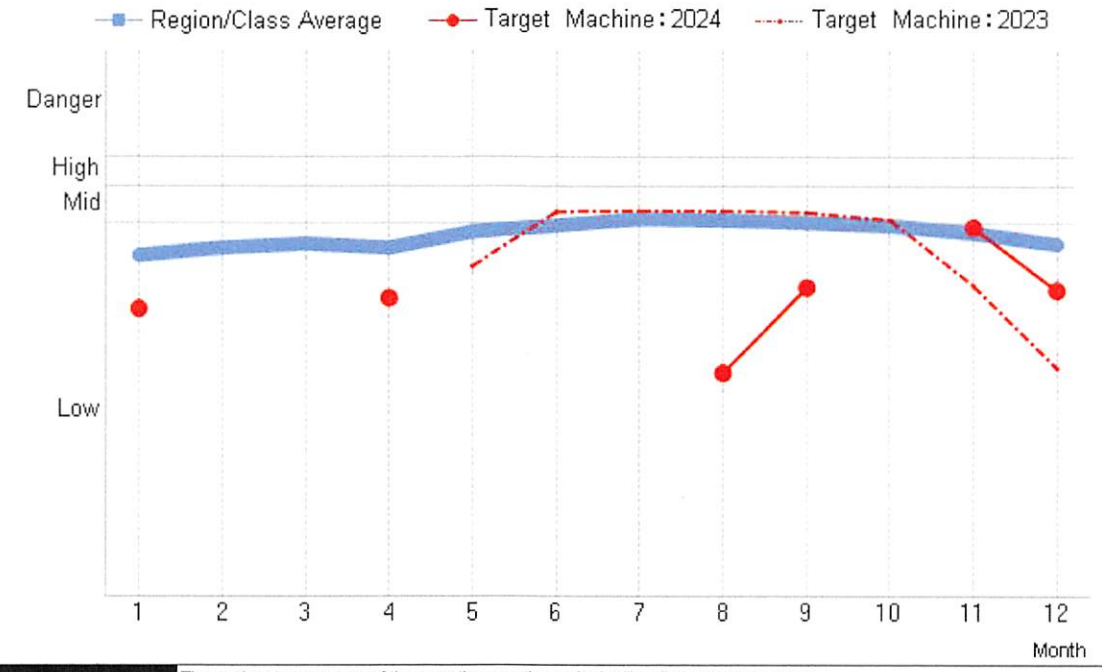
The following graph indicates transition of monthly averaged daily highest temperatures.

| Reporting Period | 01/01/2023 to 31/12/2024 |
|---|---|

### 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.

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.

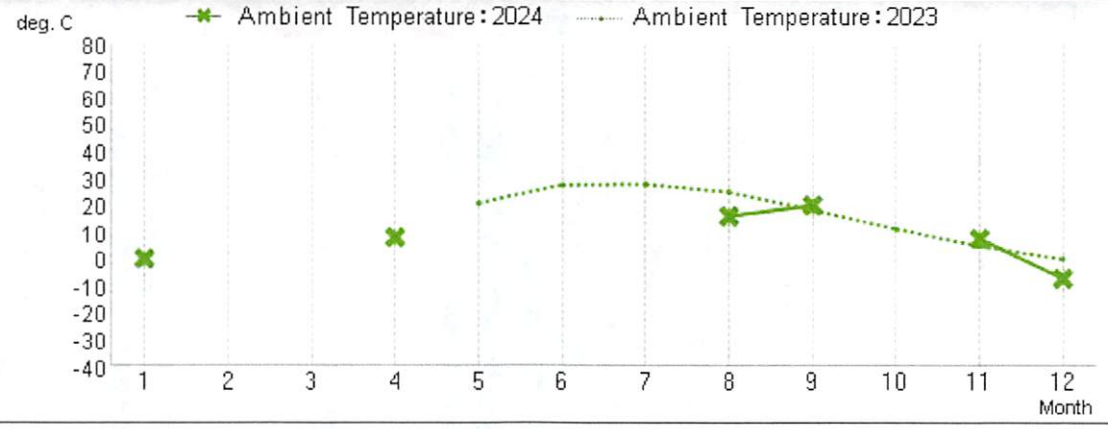
| Transition of Highest Hydraulic Oil Temperatures | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Transition of Daily Highest Temperatures

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

| Reporting Period | 01/01/2023 to 31/12/2024 |
|---|---|

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.

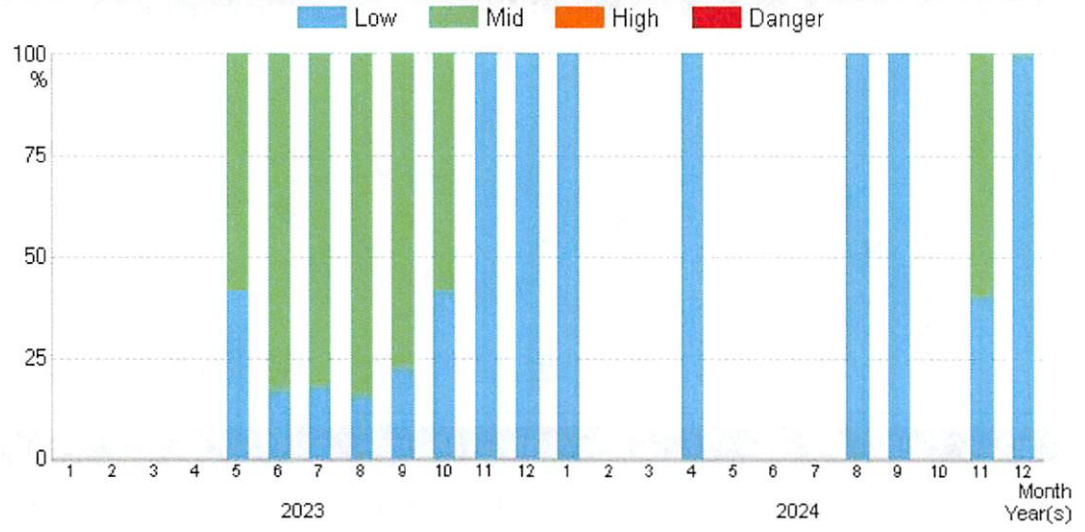
| Distribution of Temperatures | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Distribution of Temperatures

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

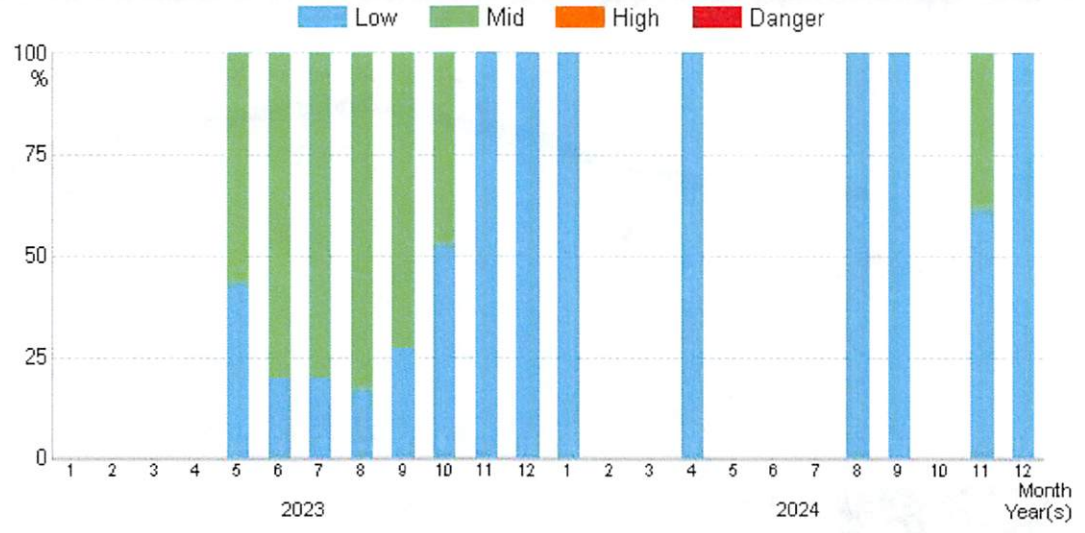
| Reporting Period | 01/01/2023 to 31/12/2024 |
|---|---|

### 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.

ConSite

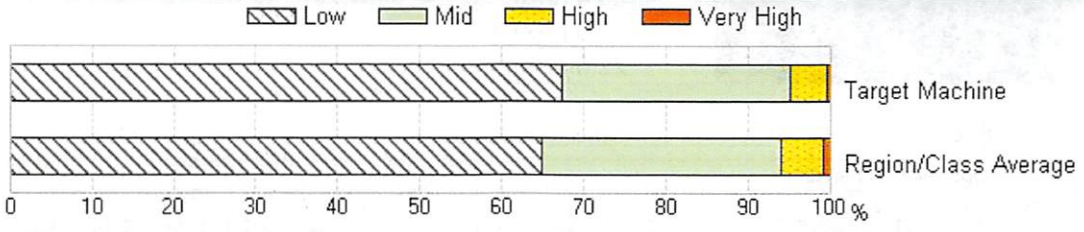
| Tendency of Pump Pressure in the latest 200hrs | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## 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.

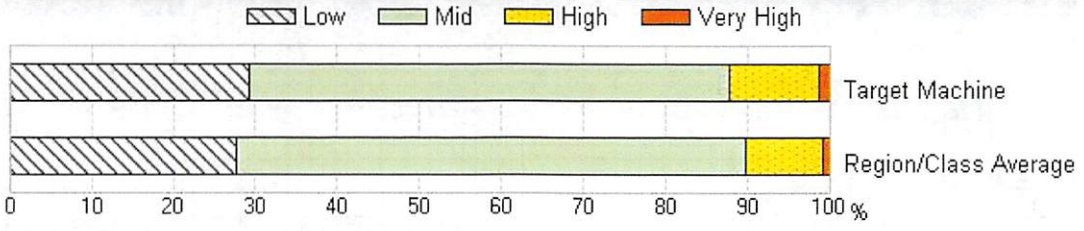
| Reporting Period | 926 hr(s) to 1,126 hr(s) |
|---|---|

### Pump Pressure



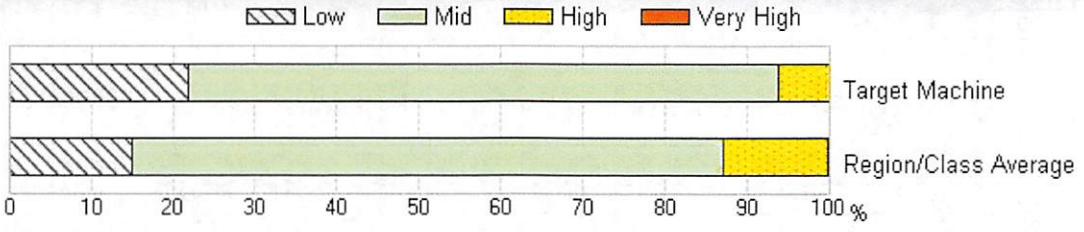

| Comment | The machine operated mostly in the "Low" pump pressure range.<br>The lower bar chart indicates the regional & class average. |
|---|---|

### Pump Pressure (Digging)



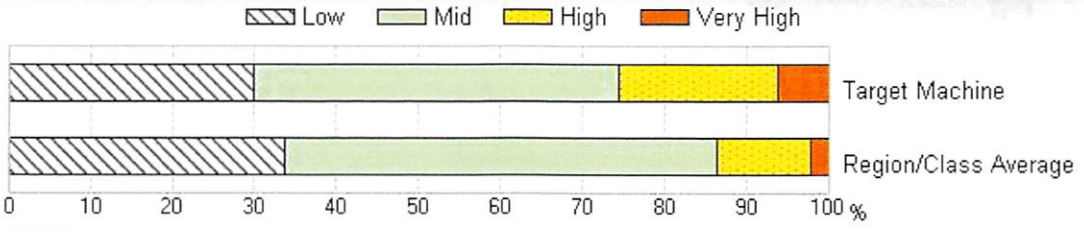

| Comment | The machine operated mostly in the "Mid" pump pressure range.<br>The lower bar chart indicates the regional & class average. |
|---|---|

### Pump Pressure (Traveling)




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

### Pump Pressure (Swing)




| Comment | The machine operated mostly in the "Mid" pump pressure range.<br>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.

ConSite

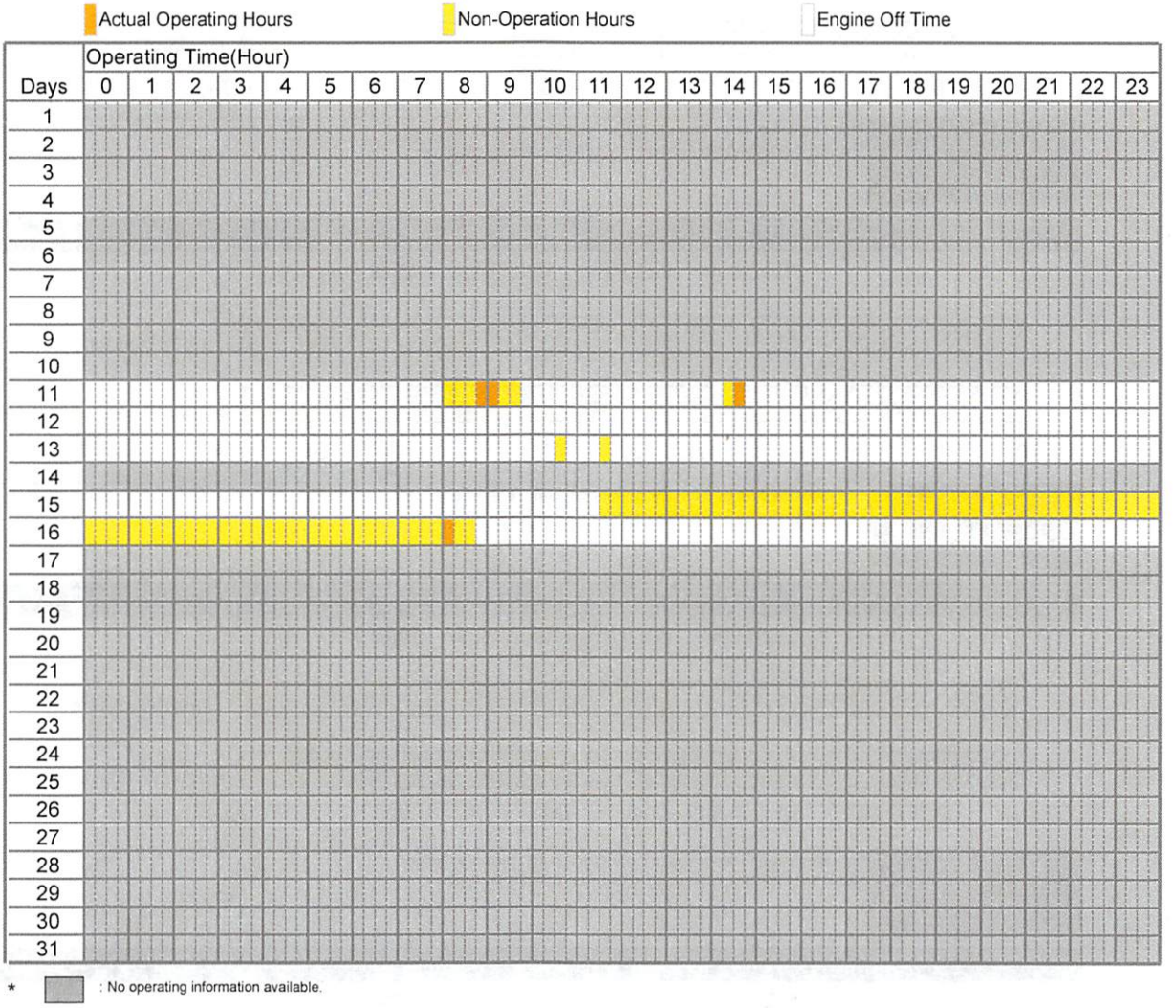
| Daily Operating Report | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## Daily Operating Report (Details)

Daily operating data during the reporting period is indicated below.

### Operating Hours of the Reporting Period

| | |
|---|---|
| Machine Operating Hours | 23.4 hr(s) |
| Actual Operating Hours | 0.9 hr(s) |
| Non-Operation Hours | 22.5 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.

ConSite

| Alarm Issuance History | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

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 |
|---|---|---|
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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

| Supplement: Explanation of Terminology | | Report No. | DRP-F2610077000-0006686728-0005 |
|---|---|---|---|
| | | Machine ID | |
| Model Name | ZX350LC-6 | Reporting Period | 01/12/2024 to 31/12/2024 |
| S/N | 082521 | Date of Issue | 08/01/2025 |

## 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. |