

## Maintenance Planner

HITACHI ZX135US-7 Excavator

SN #: 099263

Hours: 256

Customer: Monero

Plant #:

As Required	
<input type="checkbox"/> Clean radiator, oil cooler and inter-cooler screen and core	<input type="checkbox"/> Clean air cleaner dust unloader valve
<input type="checkbox"/> <i>Inspect and Clean Catalyzed Soot Filter (CSF) – Contact nearest HCA branch</i>	<input type="checkbox"/> Check windscreen washer fluid level
<input type="checkbox"/> Check and Clean Aftertreatment Device	<input type="checkbox"/> <i>Adjust engine valve clearance – Contact nearest HCA branch</i>
Every 10 Hours or Daily (Operator Inspection)	
<input type="checkbox"/> Check hydraulic reservoir oil level	<input type="checkbox"/> Drain water and sediment from fuel tank, fuel filters & separator
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check & adjust track tension
<input type="checkbox"/> Check radiator coolant level at recovery tank	<input type="checkbox"/> Grease bucket and link pins
<input type="checkbox"/> Check bucket teeth	<input type="checkbox"/> Check seat belt
<input type="checkbox"/> Check hydraulic hoses and fuel lines for leaks	<input type="checkbox"/>
Initial 250 Hours HCA-ZX135US-7-500F HCA-ZX135US-7-500L	
<input checked="" type="checkbox"/> Carry out 1st inspection as per Report EF174	<input checked="" type="checkbox"/> Drain and refill engine oil and replace engine oil filter
<input checked="" type="checkbox"/> Grease excavator front (boom, arm, bucket & cylinders) pins and bushings	<input checked="" type="checkbox"/> Inspect and adjust fan and air conditioner belts
<input checked="" type="checkbox"/> Tightening and Retightening Torque of Nuts and Bolts	
Every 250 Hours (Operator Inspection)	
<input type="checkbox"/> Check Hydraulic lines for cracks, leakage & deterioration	<input type="checkbox"/> Check fuel lines for cracks, leakage & deterioration
<input type="checkbox"/> Clean outer air cleaner element	<input type="checkbox"/> Check battery electrolyte level, clean & tighten terminals
Every 500 Hours HCA-ZX135US-7-500F HCA-ZX135US-7-500L	
<input type="checkbox"/> Drain and refill engine oil and replace engine oil filter	<input type="checkbox"/> Grease front attachment and swing gear
<input type="checkbox"/> Check swing transmission oil level	<input type="checkbox"/> Grease swing bearing
<input type="checkbox"/> Clean fuel cooler	<input type="checkbox"/> Check travel reduction oil level
<input type="checkbox"/> Clean air conditioner condenser	<input type="checkbox"/> Clean A/C recirculation and fresh air filter
<input type="checkbox"/> Clean radiator, oil cooler and inter-cooler core (externally)	<input type="checkbox"/> Clean oil cooler, radiator and inter-cooler front screen
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Check air intake hoses
<input type="checkbox"/> Record service completion in monitor unit	<input type="checkbox"/> Grease hand control lever universal joint
<input type="checkbox"/> Take PROBE oil samples from engine, both final drives, swing transmissions and hydraulic system	<input type="checkbox"/> Download MIC data and Check Alarm Codes
Every 1000 Hours HCA-ZX1301357-1000F HCA-ZX135US-7-1000L	
<input type="checkbox"/> Replace primary & secondary fuel filters	<input type="checkbox"/> *Replace hydraulic return oil filter
<input type="checkbox"/> Replace pilot filter element	<input type="checkbox"/> Drain and refill swing transmission oil
<input type="checkbox"/> Replace Oil separator element	<input type="checkbox"/> Drain and refill Travel Reduction oil
<input type="checkbox"/> Carry out ConSite SHOT machine inspection	<input type="checkbox"/>
Every 2000 Hours HCA-ZX135US-7-2000F HCA-ZX135US-7-2000L	
<input type="checkbox"/> Replace A/C recirculation air filter	<input type="checkbox"/> **Replace A/C fresh air filter
<input type="checkbox"/> **Replace outer air cleaner element	<input type="checkbox"/> Replace inner air cleaner element
<input type="checkbox"/> ***Clean fuel injection system (Ref SB 2014 0234B)	<input type="checkbox"/>
Every 5000 Hours HCA-ZX1301357-1000F HCA-ZX135US-7-1000L	
<input type="checkbox"/> *Drain & refill hydraulic oil (Genuine Hitachi Oil Only)	<input type="checkbox"/> Replace hydraulic tank breather element
<input type="checkbox"/> Drain & refill engine coolant	<input type="checkbox"/> Clean hydraulic suction filter
<input type="checkbox"/> Change Timing Belt	
Every 10000 Hours HCA-ZX135US-7-2000F HCA-ZX135US-7-2000L	
<input type="checkbox"/> All of the above	<input type="checkbox"/>
Notes	
* NOTE: If a hydraulic rock breaker is used Hydraulic oil & hydraulic return filter change intervals will need to be adjusted to suit the amount the hammer is used. (see operation manual for details of recommended intervals)	
** In dusty conditions replace filter more frequently (1000hrs)	
***Cleaning method III – Apply cleaning solution YA00040185 to fuel tank	
Items in <i>italics</i> reflect local conditional requirements and may differ from operator manual	
<b>Please ensure the monitor is updated when each service has been completed</b>	

## Maintenance Planner

Required Parts							
Highlighted in grey indicate they are included in Parts / Lube Kits							
	Part Number	Initial 250 Hour (2)	500 Hour (3)	1000 Hour (5)	2000 Hour (7)	5000 Hour (10)	10000 Hour (11)
Engine Oil Filter	YA00072857	1	1	1	1	1	1
Main Fuel Filter	YA00034622			1	1	1	1
Pre Fuel Filter	YA00005785			1	1	1	1
Oil Separator Element	YA00077204			1	1	1	1
Hydraulic Oil Full Flow Filter	4448401			1	1	1	1
Pilot Oil Filter	4630525			1	1	1	1
Air Filter (Outer) (4486002)	P828889				1		1
Air Filter (Inner) (4486014)	P829333				1		1
Air Conditioner Fresh Air Filter	YA00022308				1		1
Air Conditioner Recirculation Air Filter	YA00074889				1		1
Hydraulic Tank Breather Element	P502563					1	1
Timing Belt	YA00077443					1	1
Oil Sample Bottles	OIL SAMPLE		5	5	5	5	5
Injector Cleaner/Fuel Treatment	YA00040185	As Required (2000hrs)					
Fan Belt	YA00053705	As Required					
Catalyzed Soot Filter (CSF)	YA00077791	As Required					
System Capacity							
<b>Hitachi Engine Oil 10W-40 DH-2</b> YA00027291 (20L)		<b>Total 19.1L Required</b>					
Engine Oil – 19.1L	YA00027291	1	1	1	1	1	1
<b>Hitachi HN46 Hydraulic Oil</b> 711-20PAIL (20L)		<b>60L</b>					
Hydraulic System Oil – 60L (Hydraulic Oil Tank Capacity)	711-20PAIL					3	3
<b>Hitachi Gear Oil GL-4 90</b> GO90GL45L-S (5L)		<b>Total 11.6L Required</b>					
Travel Reduction – 4.2L x 2	GO90GL45L-S			3	3	3	3
Swing Reduction – 3.2L							
<b>Solution Plus Coolant Premix Ethylene Glycol</b> SPEGCOOL5 (5L) SPEGCOOL20 (20L)		<b>19L</b>					
Cooling System – 19L	SPEGCOOL20					1	1
<i>Based on Oil analysis results, Oil change intervals may need to be adjusted for your operating conditions. Consult your local Hitachi Dealer.</i>							
Notes							

Completed By			
Name	Jarrod Hovey	Signature	
Date	08/04/2025		

Reviewed By		
Name	Signature	Date

## Maintenance Planner

HITACHI ZX135US-7 Excavator

SN #: 099263

Hours: 506

Customer: Monero

Plant #:

As Required	
<input type="checkbox"/> Clean radiator, oil cooler and inter-cooler screen and core	<input type="checkbox"/> Clean air cleaner dust unloader valve
<input type="checkbox"/> <i>Inspect and Clean Catalyzed Soot Filter (CSF) – Contact nearest HCA branch</i>	<input type="checkbox"/> Check windscreen washer fluid level
<input type="checkbox"/> Check and Clean Aftertreatment Device	<input type="checkbox"/> <i>Adjust engine valve clearance – Contact nearest HCA branch</i>
Every 10 Hours or Daily (Operator Inspection)	
<input type="checkbox"/> Check hydraulic reservoir oil level	<input type="checkbox"/> Drain water and sediment from fuel tank, fuel filters & separator
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check & adjust track tension
<input type="checkbox"/> Check radiator coolant level at recovery tank	<input type="checkbox"/> Grease bucket and link pins
<input type="checkbox"/> Check bucket teeth	<input type="checkbox"/> Check seat belt
<input type="checkbox"/> Check hydraulic hoses and fuel lines for leaks	<input type="checkbox"/>
Initial 250 Hours HCA-ZX135US-7-500F HCA-ZX135US-7-500L	
<input type="checkbox"/> <i>Carry out 1st inspection as per Report EF174</i>	<input type="checkbox"/> <i>Drain and refill engine oil and replace engine oil filter</i>
<input type="checkbox"/> Grease excavator front (boom, arm, bucket & cylinders) pins and bushings	<input type="checkbox"/> Inspect and adjust fan and air conditioner belts
<input type="checkbox"/> Tightening and Retightening Torque of Nuts and Bolts	
Every 250 Hours (Operator Inspection)	
<input type="checkbox"/> Check Hydraulic lines for cracks, leakage & deterioration	<input type="checkbox"/> Check fuel lines for cracks, leakage & deterioration
<input type="checkbox"/> Clean outer air cleaner element	<input type="checkbox"/> <i>Check battery electrolyte level, clean &amp; tighten terminals</i>
Every 500 Hours HCA-ZX135US-7-500F HCA-ZX135US-7-500L	
<input checked="" type="checkbox"/> Drain and refill engine oil and replace engine oil filter	<input checked="" type="checkbox"/> Grease front attachment and swing gear
<input checked="" type="checkbox"/> Check swing transmission oil level	<input checked="" type="checkbox"/> Grease swing bearing
<input checked="" type="checkbox"/> Clean fuel cooler	<input checked="" type="checkbox"/> Check travel reduction oil level
<input checked="" type="checkbox"/> Clean air conditioner condenser	<input checked="" type="checkbox"/> Clean A/C recirculation and fresh air filter
<input checked="" type="checkbox"/> Clean radiator, oil cooler and inter-cooler core (externally)	<input checked="" type="checkbox"/> Clean oil cooler, radiator and inter-cooler front screen
<input checked="" type="checkbox"/> <i>Check coolant condition</i>	<input checked="" type="checkbox"/> <i>Check air intake hoses</i>
<input checked="" type="checkbox"/> <i>Record service completion in monitor unit</i>	<input checked="" type="checkbox"/> <i>Grease hand control lever universal joint</i>
<input checked="" type="checkbox"/> <i>Take PROBE oil samples from engine, both final drives, swing transmissions and hydraulic system</i>	<input checked="" type="checkbox"/> <i>Download MIC data and Check Alarm Codes</i>
Every 1000 Hours HCA-ZX1301357-1000F HCA-ZX135US-7-1000L	
<input type="checkbox"/> Replace primary & secondary fuel filters	<input type="checkbox"/> *Replace hydraulic return oil filter
<input type="checkbox"/> Replace pilot filter element	<input type="checkbox"/> Drain and refill swing transmission oil
<input type="checkbox"/> Replace Oil separator element	<input type="checkbox"/> <i>Drain and refill Travel Reduction oil</i>
<input type="checkbox"/> <i>Carry out ConSite SHOT machine inspection</i>	<input type="checkbox"/>
Every 2000 Hours HCA-ZX135US-7-2000F HCA-ZX135US-7-2000L	
<input type="checkbox"/> Replace A/C recirculation air filter	<input type="checkbox"/> **Replace A/C fresh air filter
<input type="checkbox"/> **Replace outer air cleaner element	<input type="checkbox"/> Replace inner air cleaner element
<input type="checkbox"/> ***Clean fuel injection system (Ref SB 2014 0234B)	<input type="checkbox"/>
Every 5000 Hours HCA-ZX1301357-1000F HCA-ZX135US-7-1000L	
<input type="checkbox"/> *Drain & refill hydraulic oil (Genuine Hitachi Oil Only)	<input type="checkbox"/> Replace hydraulic tank breather element
<input type="checkbox"/> Drain & refill engine coolant	<input type="checkbox"/> Clean hydraulic suction filter
<input type="checkbox"/> Change Timing Belt	
Every 10000 Hours HCA-ZX135US-7-2000F HCA-ZX135US-7-2000L	
<input type="checkbox"/> All of the above	<input type="checkbox"/>
Notes	
* NOTE: If a hydraulic rock breaker is used Hydraulic oil & hydraulic return filter change intervals will need to be adjusted to suit the amount the hammer is used. (see operation manual for details of recommended intervals)	
** In dusty conditions replace filter more frequently (1000hrs)	
***Cleaning method III – Apply cleaning solution YA00040185 to fuel tank	
Items in <i>italics</i> reflect local conditional requirements and may differ from operator manual	
<b>Please ensure the monitor is updated when each service has been completed</b>	

## Maintenance Planner

Required Parts							
Highlighted in grey indicate they are included in Parts / Lube Kits							
	Part Number	Initial 250 Hour (2)	500 Hour (3)	1000 Hour (5)	2000 Hour (7)	5000 Hour (10)	10000 Hour (11)
Engine Oil Filter	YA00072857	1	1	1	1	1	1
Main Fuel Filter	YA00034622			1	1	1	1
Pre Fuel Filter	YA00005785			1	1	1	1
Oil Separator Element	YA00077204			1	1	1	1
Hydraulic Oil Full Flow Filter	4448401			1	1	1	1
Pilot Oil Filter	4630525			1	1	1	1
Air Filter (Outer) (4486002)	P828889				1		1
Air Filter (Inner) (4486014)	P829333				1		1
Air Conditioner Fresh Air Filter	YA00022308				1		1
Air Conditioner Recirculation Air Filter	YA00074889				1		1
Hydraulic Tank Breather Element	P502563					1	1
Timing Belt	YA00077443					1	1
Oil Sample Bottles	OIL SAMPLE		5	5	5	5	5
Injector Cleaner/Fuel Treatment	YA00040185	As Required (2000hrs)					
Fan Belt	YA00053705	As Required					
Catalyzed Soot Filter (CSF)	YA00077791	As Required					
System Capacity							
<b>Hitachi Engine Oil 10W-40 DH-2</b> YA00027291 (20L)		<b>Total 19.1L Required</b>					
Engine Oil – 19.1L	YA00027291	1	1	1	1	1	1
<b>Hitachi HN46 Hydraulic Oil</b> 711-20PAIL (20L)		<b>60L</b>					
Hydraulic System Oil – 60L (Hydraulic Oil Tank Capacity)	711-20PAIL					3	3
<b>Hitachi Gear Oil GL-4 90</b> GO90GL45L-S (5L)		<b>Total 11.6L Required</b>					
Travel Reduction – 4.2L x 2	GO90GL45L-S			3	3	3	3
Swing Reduction – 3.2L							
<b>Solution Plus Coolant Premix Ethylene Glycol</b> SPEGCOOL5 (5L) SPEGCOOL20 (20L)		<b>19L</b>					
Cooling System – 19L	SPEGCOOL20					1	1
<i>Based on Oil analysis results, Oil change intervals may need to be adjusted for your operating conditions. Consult your local Hitachi Dealer.</i>							
Notes							
10 litres of hydraulic oil added							

Completed By			
Name	<u>Cristian RG</u>	Signature	Date <u>9-7-25</u>

Reviewed By			
Name	_____	Signature	Date _____

Hitachi Construction Machinery (Australia) Pty Ltd  
 240-248 Frankston Road Dandenong, VIC 3175 AUS  
 PO BOX 4414 DANDENONG SOUTH, VIC 3164 AUS  
 Phone: (03) 9791-6666

Date: 11/02/2026  
 Work Order Number: WO00277930  
 Customer Po:  
 Terms of Payment: Cash



**Customer Number: 009020**  
 Bill to:  
 CASH SALES MELBOURNE SERVICE  
 240-248 Frankston – Dandenong Rd  
 DANDENONG SOUTH, VIC 3175  
 AUS  
 Phone: (03)9791-6666

Manufacturer:	HITACHI	Service model:	ZX135US-7
Serial number:	HCMDA420P00099263	Fleet number:	
Description:	ZX135US-7 DB 2.52 HP HV STL OPG	Registration number:	
Device ID:	D00041888	Meter:	

Job number	Job description	Job type	Start date
WO00277930	Monero Constructions - ZX135US-7 - 1000hr Service	Retail Charge	6/02/2026

**Symptoms :**  
 1000 Hour Service ZX135US-7  
 All parts, lubes and labour to complete the service as per Maintenance Planner. Excludes "as required" parts.

**Solution :**  
 2026-Feb-06: Shim both dogs bones and arm to boom pin  
 2026-Feb-10: Complete 100hr Service

Item	Part number	Description	Quantity	Unit price	Extended price
	WOENVIRO	Environmental	1.00	\$ 8.75	\$ 8.75
	HCA-ZX1301357-1000F	ZX130 & ZX135US-7 1000 HOUR FILTER KIT	1.00	\$ 368.68	\$ 368.68
	HCA-ZX135US-7-1000L	ZX135US-7 1000 HOUR LUBE KIT	1.00	\$ 321.36	\$ 321.36
	YA00077204	FILTER	1.00	\$ 178.97	\$ 178.97
	OIL SAMPLE	OIL SAMPLE TEST SINGLE	5.00	\$ 31.36	\$ 156.80
	WOSundries	Consumables	1.00	\$ 35.00	\$ 35.00

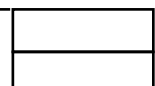
Hour	Description	Quantity	Unit price	Extended price
	1000 Hour Service ZX135US-7	5.00	\$ 175.00	\$ 875.00

**Sub total Item :** \$ 1,069.56  
**Sub total Hour :** 5.00 \$ 875.00  
**Job total:** \$ 1,944.56

**GRAND TOTAL HOUR :** \$ 875.00  
**GRAND TOTAL ITEM :** \$ 1,069.56  
**GRAND TOTAL :** \$ 1,944.56  
**GST AMOUNT :** \$ 194.46  
**TOTAL (AUD) INCL. OF TAXES :** \$ 2,139.02

**Payment to :** BSB: 032-260 Acct No: 185116 Acct Name: HCA SWIFT Code: WPACAU2S

All Goods and Services referred to in this invoice or otherwise supplied by us to you are subject to our Standard Conditions of Contract for Sale and Repair of Goods which are available on our website at <https://www.hitachicm.com.au/terms-of-sale> or by contacting us and requesting a copy.



# HITACHI

**Reliable Solutions**

Hitachi Construction Machinery (Australia) Pty Ltd  
240-248 Frankston Road Dandenong, VIC 3175 AUS  
PO BOX 4414 DANDENONG SOUTH, VIC 3164 AUS  
Phone: (03) 9791-6666

Date  
Work Order Number  
Customer Po  
Terms of Payment

## PRO FORMA TAX INVOICE

11/02/2026  
WO00277930  
Cash



**Payment to :** BSB: 032-260 Acct No: 185116 Acct Name: HCA SWIFT Code: WPACAU2S

All Goods and Services referred to in this invoice or otherwise supplied by us to you are subject to our Standard Conditions of Contract for Sale and Repair of Goods which are available on our website at <https://www.hitachicm.com.au/terms-of-sale> or by contacting us and requesting a copy.

Hitachi Construction Machinery (Australia) Pty Ltd Level 8, 6 Hassall Street PARRAMATTA NSW 2150 AUS Ph +61 2 8863 4800 ABN 62000080179
