

FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

● 1 ● 1 ● 103 ● 17

Inspection Number	17028667	Customer No	2969824372
Serial Number	RAZ10993	Customer Name	AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD
Make	CATERPILLAR	Customer Email	hirebookings2@hammerhire.com.au
Model	323	Work Order	SC69687
Equipment Family	Medium Hydraulic Excavator	Completed On	23/04/2024 9:07:47 AM
Asset ID	AHSH79	Inspector	Collin Graham
SMU	3524 Hours	PDF Generated On	22/04/2024
Location	32 Williamson Rd, Ingleburn, New South Wales 2565, Australia	Coordinates	0, 0, 0
Technician			

General Info & Comments

● General info/Comments

MONITOR

Comments: Weep from hydraulic pump mounting flange
Def pump replaced
Def hose from pump to injector replaced



Image Comment(s): Another Machine cylinder resting against ROPS when first arrived on site



TASK SAFETY INSTRUCTIONS - Revision Number: 02 Date: 25th September 2023

- 1.1 Wear Correct PPE at all times PASS

- 1.2 All isolation and safe work procedures must be followed PASS

- 1.3 Identify task hazards and controls utilising hierarchy or controls model PASS

- 1.4 Ensure a competent operator and spotter is utilised to move mobile equipment PASS

- 1.5 Ensure all mobile equipment is fundamentally stable PASS

- 1.6 Ensure three points of contact is maintained during access and egress PASS

- 1.7 Ensure acceptable housekeeping standards are maintained at all times PASS

MACHINE GENERAL RUNNING CHECKS

- 2.1 Check all work lights, beacon & reverse alarm for operation PASS

●	2.2 Test all dash warning lights, gauges and audible alarms for correct operation	PASS
●	2.3 Check idle timer for correct shut down operation	PASS
●	2.4 Check operation of all three emergency stop buttons	PASS
●	2.5 Check operation of horn	PASS
●	2.6 Check operation of reverse camera	PASS
●	2.7 Check alternator charge voltage - ACTUAL_____V	PASS
●	2.8 Check operation of auto grease system by manually activating timer	N/A
●	2.9 Check fire system control panel for 'Normal'	N/A
●	2.10 Test hydraulic lock out function operation	PASS
●	2.11 Check window wiper and washer operation	PASS

PM SAFETY GENERAL INSPECTION

●	3.1 Visually ensure all guards, shields and covers are in place and in good condition to ensure personal are protected from rotating parts	PASS
●	3.2 Check condition of machine identification signage	FAIL
<div style="border: 1px solid black; background-color: #ffffcc; padding: 2px;"> Comments: Vin plate partially peeling from machine </div>		
●	3.3 Inspect ROPS/FOPS condition	PASS

PM BRAKING SYSTEM

●	4.1 Test travel brakes – Ensure the machine comes to a stop when travel controls are released	PASS
●	4.2 Test travel brakes – Ensure the brakes hold on a suitable slope	PASS

PM FIRE SUPPRESSION SYSTEM

●	5.1 Ensure fire suppression bottle and components are securely mounted and in good condition	N/A
●	5.2 Ensure fire suppression is correctly charged	N/A
●	5.3 Inspect last charge date - ACTUAL _____	N/A
●	5.4 Check all fire extinguishers are securely mounted and in good condition	PASS
●	5.5 Check all fire extinguishers are correctly charged	PASS
●	5.6 Inspect last charge date - ACTUAL _____	PASS

PM ENGINE

●	6.1 Perform engine valve set	N/A
●	6.2 Inspect air intake system hoses, pipes, clamps for signs of dirt ingress	PASS
●	6.3 Inspect engine for oil or fuel leaks	PASS
●	6.4 Inspect engine components for missing clamps	PASS
●	6.5 Inspect exhaust system for signs of leaks, loose bolts or missing clamps	PASS
●	6.6 Inspect turbo for security and signs of leaks	PASS
●	6.7 Inspect condition of exhaust lagging	PASS
●	6.8 Inspect engine mounts for condition and loose hardware	PASS
●	6.9 Inspect alternator mount condition and adjustment	PASS
●	6.10 Inspect wiring condition and security	PASS

-
- 6.11 Clean engine breather *PASS*

 - 6.12 Replace outer air filter *PASS*

 - 6.13 Inspect & adjust engine belts *PASS*

PM ENGINE COOLING SYSTEM

- 7.1 Check coolant level *PASS*

- 7.2 Check condition of radiator cap *PASS*

- 7.3 Check condition of radiator core and blow out *PASS*

- 7.4 Check cooling system for signs of leaks *PASS*

- 7.5 Check hose and clamp condition *PASS*

- 7.6 Inspect fan condition and operation *PASS*

- 7.7 Inspect radiator and fan guard condition *PASS*

PM SWING TRANSMISSION

- 8.1 Inspect swing transmission for signs of leaks *PASS*

- 8.2 Inspect swing transmission oil level *PASS*

PM HYDRAULIC SYSTEM

- 9.1 Check hydraulic oil level *PASS*

- 9.2 Inspect hydraulic cylinders for leaks and security *PASS*

- 9.3 Inspect hydraulic hoses for leaks, damage, security *PASS*

- 9.4 Inspect hydraulic pump condition, leaks, security *PASS*

● 9.5 Check Pilot Accumulator operation as per OEM Maintenance Procedure - Test Boom Down Functionality with engine off *PASS*

PM FINAL DRIVES

● 10.1 Inspect LHS final drive mount condition for leaks and security *PASS*

● 10.2 Inspect LHS oil level and mag plug condition *PASS*

● 10.3 Inspect RHS final drive mount condition for leaks and security *PASS*

● 10.4 Inspect RHS oil level and mag plug condition *PASS*

PM UNDERCARRIAGE

● 11.1 Inspect LHS track tension *PASS*

● 11.2 Inspect RHS track tension *PASS*

● 11.3 Inspect tracks for loose/missing bolts *PASS*

● 11.4 Inspect load and carrier rollers for signs of leaks *PASS*

● 11.5 Inspect idlers for signs of leaks *PASS*

● 11.6 Inspect sprocket segments condition *PASS*

● 11.7 Inspect track frame for cracks, lose or missing hardware *PASS*

PM FRAME AND BODY

● 12.1 Check panels for damage and security *PASS*

● 12.2 Check access steps and walkway condition *PASS*

● 12.3 Inspect boom condition – cracks, missing clamps, damaged pipes, excessive movement, lubrication *PASS*

●	12.4 Inspect stick condition – cracks, missing clamps, damaged pipes, excessive movement, lubrication	PASS
●	12.5 Inspect quick hitch condition and operation	PASS
●	12.6 Inspect bucket condition – cracks, wear, damage, mounts	PASS
●	12.7 Inspect GET condition and hardware	PASS

PM ELECTRICAL SYSTEM

●	13.1 Check battery condition	PASS
●	13.2 Check battery terminal condition	PASS
●	13.3 Check battery security	PASS
●	13.4 Check battery box drain is clear	PASS
●	13.5 Check wiring condition and security	PASS

PM GREASE SYSTEM

●	14.1 Check all points for acceptable lubrication	PASS
●	14.2 Inspect grease system operation	N/A
●	14.3 Check grease line condition	PASS
●	14.4 Refill grease tank	N/A
●	14.5 Lubricate bucket linkage	PASS
●	14.6 Lubricate blade linkage	N/A
●	14.7 Lubricate boom & stick linkage	PASS

● 14.8 Lubricate swing bearing	PASS
--------------------------------	------

PM OPERATOR STATION

● 15.1 Check all doors for correct opening and closing adjustments and operation	PASS
----------------------------------------------------------------------------------	------

● 15.2 Inspect condition of door seals	PASS
----------------------------------------	------

● 15.3 Check window glass and seal condition	PASS
----------------------------------------------	------

● 15.4 Check mirror condition and adjustments	PASS
-----------------------------------------------	------

● 15.5 Fill window washer reservoir	PASS
-------------------------------------	------

● 15.6 Inspect air con vents condition	PASS
----------------------------------------	------

● 15.7 Inspect seat belt and mounting hardware	PASS
------------------------------------------------	------

● 15.8 Inspect seat condition, operation and mounting	PASS
-------------------------------------------------------	------

● 15.9 Replace cabin A/C filter	N/A
---------------------------------	-----

OIL SAMPLING

● 16.1 Engine	PASS
---------------	------

● 16.2 Hydraulic System	PASS
-------------------------	------

● 16.3 LHS Final Drive	PASS
------------------------	------

● 16.4 RHS Final Drive	PASS
------------------------	------

● 16.5 Swing Transmission	PASS
---------------------------	------

● 16.6 Coolant	PASS
----------------	------

OIL AND FILTERS

●	17.1 Replace engine oil	N/A
●	17.2 Replace engine oil filter	N/A
●	17.3 Replace primary fuel filter (water separator) element	PASS
●	17.4 Replace secondary fuel filter	PASS
●	17.5 Replace fuel system third filter	N/A
●	17.6 Replace outer air filter	PASS
●	17.7 Replace cab filter	N/A
●	17.8 Replace A/C filter	N/A
●	17.9 Replace hydraulic case drain filter	N/A
●	17.10 Replace hydraulic pilot filter	N/A

PM POST SERVICE INSPECTION CHECKS

●	18.1 All inspections have been completed and rectified as required	PASS
●	18.2 All safety related defects have been repaired or reported	PASS
●	18.3 All defects have been noted and reported	PASS
●	18.4 All fluids are at correct level and drain plugs tight	PASS
●	18.5 All oil samples have visually been inspected and any notable signs of contamination have been reported	PASS
●	18.6 All replaced filters have been cut and inspected and photos added to CAT Inspect and reported to supervisor	PASS

● 18.7 Machine has been recommissioned and ready for operation PASS

● 18.8 PM service notification marked off in Vision Link COMPLETED

DEFECTS IDENTIFIED

● 19.1 DEFECTS IDENTIFIED PASS
