FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

● 0 ● 0 ● 103 ● 19

Inspection Number	18669716	Customer No	2969824372
Serial Number	XNB00356	Customer Name	AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD
Make	CATERPILLAR	Customer Email	hirebookings2@hammerhire.com.au
Model	330	Work Order	SC71780
Equipment Family	Medium Hydraulic Excavator	Completed On	20/08/2024 2:58:41 PM
Asset ID	AHSH83	Inspector	Collin Graham
SMU	3419 Hours	PDF Generated On	20/08/2024
Location	17 John Hopkins Dr, Camperdown, New South Wales 2050, Australia	Coordinates	0, 0, 0
Technician			

General Info & Comments

General info/Comments	*NORMAL*

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	*PASS*
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	*PASS*
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**	*N/A*
●	**17.4 Replace secondary fuel filter**	*N/A*
●	**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**	*N/A*
●	**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*