

# FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

● 0 ● 0 ● 109 ● 13

Inspection Number	17465445	Customer No	2969824372
Serial Number	NDJ20530	Customer Name	AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD
Make	CATERPILLAR	Customer Email	hirebookings2@hammerhire.com.au
Model	325	Work Order	SC70494
Equipment Family	Medium Hydraulic Excavator	Completed On	24/05/2024 1:41:35 PM
Asset ID	AHSH63	Inspector	Collin Graham
SMU	4525.56 Hours	PDF Generated On	24/05/2024
Location	32 Williamson Rd, Ingleburn, New South Wales 2565, 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

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●	2.11 Check window wiper and washer operation	PASS
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#### 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
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●	3.2 Check condition of machine identification signage	PASS
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●	3.3 Inspect ROPS/FOPS condition	PASS
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#### PM BRAKING SYSTEM

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

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

●	6.1 Perform engine valve set	N/A
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●	6.2 Inspect air intake system hoses, pipes, clamps for signs of dirt ingress	PASS
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● 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
<b>PM ENGINE COOLING SYSTEM</b>	
● 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

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● 7.7 Inspect radiator and fan guard condition PASS

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**PM SWING TRANSMISSION**

● 8.1 Inspect swing transmission for signs of leaks PASS

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● 8.2 Inspect swing transmission oil level PASS

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**PM HYDRAULIC SYSTEM**

● 9.1 Check hydraulic oil level PASS

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● 9.2 Inspect hydraulic cylinders for leaks and security PASS

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● 9.3 Inspect hydraulic hoses for leaks, damage, security PASS

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● 9.4 Inspect hydraulic pump condition, leaks, security PASS

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

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**PM FINAL DRIVES**

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

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● 10.2 Inspect LHS oil level and mag plug condition PASS

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

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● 10.4 Inspect RHS oil level and mag plug condition PASS

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**PM UNDERCARRIAGE**

● 11.1 Inspect LHS track tension PASS

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● 11.2 Inspect RHS track tension PASS

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- 11.3 Inspect tracks for loose/missing bolts PASS

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- 11.4 Inspect load and carrier rollers for signs of leaks PASS

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- 11.5 Inspect idlers for signs of leaks PASS

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- 11.6 Inspect sprocket segments condition PASS

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- 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

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- 12.2 Check access steps and walkway condition PASS

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

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- 12.4 Inspect stick condition – cracks, missing clamps, damaged pipes, excessive movement, lubrication PASS

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- 12.5 Inspect quick hitch condition and operation PASS

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- 12.6 Inspect bucket condition – cracks, wear, damage, mounts PASS

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- 12.7 Inspect GET condition and hardware PASS

#### PM ELECTRICAL SYSTEM

- 13.1 Check battery condition PASS

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- 13.2 Check battery terminal condition PASS

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- 13.3 Check battery security PASS

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- 13.4 Check battery box drain is clear PASS

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● 13.5 Check wiring condition and security PASS

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**PM GREASE SYSTEM**

● 14.1 Check all points for acceptable lubrication PASS

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● 14.2 Inspect grease system operation PASS

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● 14.3 Check grease line condition PASS

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● 14.4 Refill grease tank N/A

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● 14.5 Lubricate bucket linkage PASS

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● 14.6 Lubricate blade linkage N/A

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● 14.7 Lubricate boom & stick linkage PASS

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● 14.8 Lubricate swing bearing PASS

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**PM OPERATOR STATION**

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

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● 15.2 Inspect condition of door seals PASS

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● 15.3 Check window glass and seal condition PASS

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● 15.4 Check mirror condition and adjustments PASS

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● 15.5 Fill window washer reservoir PASS

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● 15.6 Inspect air con vents condition PASS

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● 15.7 Inspect seat belt and mounting hardware PASS

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●	15.8 Inspect seat condition, operation and mounting	PASS
●	15.9 Replace cabin A/C filter	N/A
<b>OIL SAMPLING</b>		
●	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
<b>OIL AND FILTERS</b>		
●	17.1 Replace engine oil	PASS
●	17.2 Replace engine oil filter	PASS
●	17.3 Replace primary fuel filter (water separator) element	PASS
●	17.4 Replace secondary fuel filter	PASS
●	17.5 Replace fuel system third filter	PASS
●	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

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- 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

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- 18.2 All safety related defects have been repaired or reported PASS

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- 18.3 All defects have been noted and reported PASS

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- 18.4 All fluids are at correct level and drain plugs tight PASS

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- 18.5 All oil samples have visually been inspected and any notable signs of contamination have been reported PASS

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- 18.6 All replaced filters have been cut and inspected and photos added to CAT Inspect and reported to supervisor PASS

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- 18.7 Machine has been recommissioned and ready for operation PASS

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- 18.8 PM service notification marked off in Vision Link COMPLETED

#### DEFECTS IDENTIFIED

- 19.1 DEFECTS IDENTIFIED PASS