

FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

● 0 ● 1 ● 107 ● 14

Inspection Number	18317896	Customer No	2969824372
Serial Number	SGJ20461	Customer Name	AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD
Make	CATERPILLAR	Customer Email	hirebookings2@hammerhire.com.au
Model	335	Work Order	SC71500
Equipment Family	Medium Hydraulic Excavator	Completed On	25/07/2024 3:03:04 PM
Asset ID	AHSH160	Inspector	Collin Graham
SMU	6453.78 Hours	PDF Generated On	29/07/2024
Location	30 Williamson Rd, Ingleburn, New South Wales 2565, Australia	Coordinates	0, 0, 0

Technician 

General Info & Comments

● **General info/Comments** MONITOR

Comments: Emergency stop at operator seat damaged







Green - 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*

Green - 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*

● 2.10 Test hydraulic lock out function operation *PASS*

● 2.11 Check window wiper and washer operation *PASS*

Green - 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*

Green - 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*

Green - PM FIRE SUPPRESSION SYSTEM

- | | |
|---|------|
| ● 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 |

Green - PM ENGINE

- | | |
|--|------|
| ● 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 |

Green - 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

Green - PM SWING TRANSMISSION

- 8.1 Inspect swing transmission for signs of leaks PASS

- 8.2 Inspect swing transmission oil level PASS

Green - 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

Green - 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*

Green - 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*

Green - 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

Green - 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

Green - PM GREASE SYSTEM

● 14.1 Check all points for acceptable lubrication PASS

● 14.3 Check grease line condition PASS

● 14.5 Lubricate bucket linkage PASS

● 14.6 Lubricate blade linkage PASS

● 14.7 Lubricate boom & stick linkage PASS

● 14.8 Lubricate swing bearing PASS

Green - 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

Green - 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

Green - OIL AND FILTERS

- 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

- 17.6 Replace outer air filter PASS

Green - 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 |

Green - DEFECTS IDENTIFIED

- | | |
|---------------------------|------|
| ● 19.1 DEFECTS IDENTIFIED | PASS |
|---------------------------|------|

Grey - MACHINE GENERAL RUNNING CHECKS

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|--|-----|
| ● 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 |

Grey - 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 |

Grey - PM ENGINE

- 6.1 Perform engine valve set N/A

Grey - PM GREASE SYSTEM

- 14.2 Inspect grease system operation N/A

- 14.4 Refill grease tank N/A

Grey - PM OPERATOR STATION

- 15.9 Replace cabin A/C filter N/A

Grey - OIL AND FILTERS

- 17.5 Replace fuel system third filter N/A

- 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