# FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

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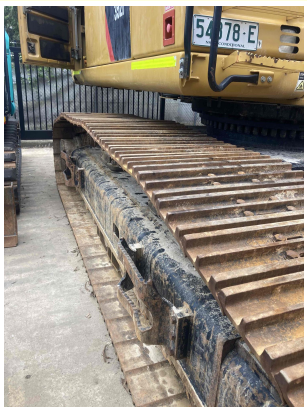
|---|---|---|---|
| Inspection Number | 20926727 | Customer No | 2969824372 |
| Serial Number | WNA20018 | Customer Name | AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD |
| Make | CATERPILLAR | Customer Email | hirebookings2@hammerhire.com.au |
| Model | 352F | Work Order | SC74099 |
| Equipment Family | Large Hydraulic Excavator | Completed On | 23/01/2025 8:17:10 AM |
| Asset ID | AHSH157 | Inspector | Collin Graham |
| SMU | 5408 Hours | PDF Generated On | 22/01/2025 |
| Location | 32 Williamson Rd, Ingleburn, New South Wales 2565, Australia | Coordinates | 0, 0, 0 |
| Technician | | | |

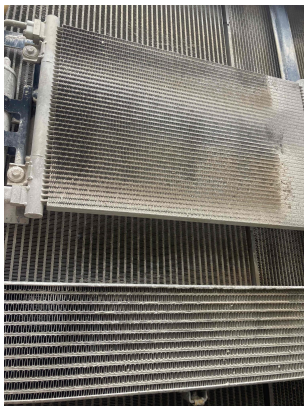
## General Info & Comments

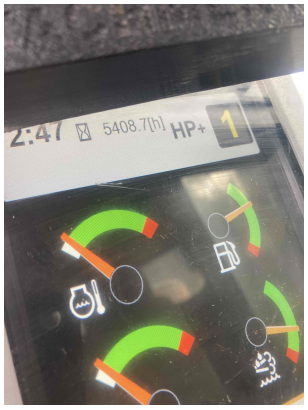
### General info/Comments

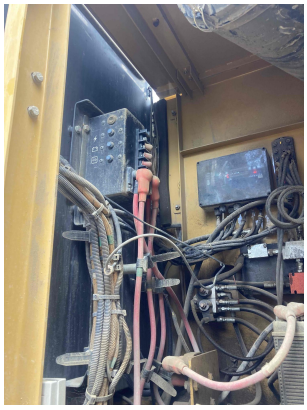
*NORMAL*

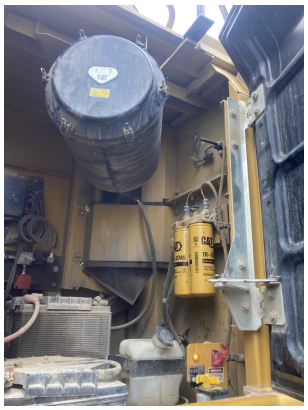
Comments: DPF cleaned
Chassis damage LHS rear corner











## 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 | *PASS* |
| 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 | *PASS* |

## 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 | *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 | *PASS* |
| 17.8 Replace A/C filter | *PASS* |
| 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* |

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|---|---|---|
| ● | **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* |