

# FITFLEET-EXCAVATOR-2000HR-CVA

## PM Checklist

● 3 ● 1 ● 114 ● 1

Inspection Number	15817443	Customer Name	AHSH
Serial Number	SGJ20461	Customer Email	hirebookings2@hammerhire.com.au
Make	CATERPILLAR	Work Order	SC68912
Model	335	Completed On	23/01/2024 2:33:11 PM
Equipment Family	EXCAVATORS	Inspector	Collin Graham
Asset ID	AHSH160	PDF Generated On	23/01/2024
SMU	5862 Hours	Location	32 Williamson Rd, Ingleburn, NSW
Coordinates	29.7318000793457, -33.9900710394867, 150.859229432062		
Technician			

## General Info & Comments

### General info/Comments

MONITOR

Comments: Fire suppression system needs service  
Multiple track pins LHS seized  
Adblue quality sensor fault ( awaiting parts for fault correction to be complete )





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

- |   |   |             |
|---|---|-------------|
| ● | <b>1.1 Wear Correct PPE at all times</b>  | <i>PASS</i> |
| ● | <b>1.2 All isolation and safe work procedures must be followed</b>                      | <i>PASS</i> |
| ● | <b>1.3 Identify task hazards and controls utilising hierarchy or controls model</b>     | <i>PASS</i> |
| ● | <b>1.4 Ensure a competent operator and spotter is utilised to move mobile equipment</b> | <i>PASS</i> |
| ● | <b>1.5 Ensure all mobile equipment is fundamentally stable</b>                          | <i>PASS</i> |

●	1.6 Ensure three points of contact is maintained during access and egress	PASS
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●	1.7 Ensure acceptable housekeeping standards are maintained at all times	PASS
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MACHINE GENERAL RUNNING CHECKS		
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●	2.1 Check all work lights, beacon & reverse alarm for operation	PASS
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●	2.2 Test all dash warning lights, gauges and audible alarms for correct operation	PASS
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●	2.3 Check idle timer for correct shut down operation	PASS
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●	2.4 Check operation of all three emergency stop buttons	PASS
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●	2.5 Check operation of horn	PASS
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●	2.6 Check operation of reverse camera	PASS
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●	2.7 Check alternator charge voltage - ACTUAL_____V	PASS
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●	2.8 Check operation of auto grease system by manually activating timer	N/A
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●	2.9 Check fire system control panel for 'Normal'	FAIL
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Comments: Requires service		
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●	2.10 Test hydraulic lock out function operation	PASS
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● 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 PASS

● 5.2 Ensure fire suppression is correctly charged FAIL

Comments: Requires service

● 5.3 Inspect last charge date - ACTUAL \_\_\_\_\_ PASS

● 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 PASS

● 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

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6.4 Inspect engine components for missing clamps

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6.5 Inspect exhaust system for signs of leaks, loose bolts or missing clamps

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6.6 Inspect turbo for security and signs of leaks

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6.7 Inspect condition of exhaust lagging

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6.8 Inspect engine mounts for condition and loose hardware

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6.9 Inspect alternator mount condition and adjustment

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6.10 Inspect wiring condition and security

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6.11 Clean engine breather

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6.12 Replace outer air filter

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6.13 Replace inner air filter

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6.14 Replace/Check/Adjust engine belts

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6.15 Carry out engine valve set

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**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

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● 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	FAIL

Comments: Sprockets due for replacement. Undercarriage inspection recommended to evaluate remaining service life expectations



●	11.7 Inspect track frame for cracks, lose or missing hardware	PASS
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#### 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
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#### 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	PASS
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●	14.5 Lubricate bucket linkage	PASS
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●	14.6 Lubricate blade linkage	PASS
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●	14.7 Lubricate boom & stick linkage	PASS
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●	14.8 Lubricate swing gear	PASS
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●	14.9 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
●	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
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●	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 inner air filter	PASS
●	17.8 Replace cab filter	PASS
●	17.9 Replace A/C filter	PASS
●	17.10 Replace hydraulic case drain filter	PASS
●	17.11 Replace hydraulic pilot filter	PASS
●	17.12 Replace hammer filter	PASS
●	17.13 Replace hydraulic oil (4000Hr)	PASS
●	17.14 Replace swing transmission oil	PASS
●	17.15 Replace final drive oil	PASS
●	17.16 Replace hydraulic return filter	PASS
●	17.17 Replace Fumes disposal filter	PASS

#### 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
●	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