

# FITFLEET-EXCAVATOR-2000HR-CVA

## PM Checklist

● 0 ● 0 ● 125 ● 7

Inspection Number	15999215	Customer Name	AHSH
Serial Number	NDJ20109	Customer Email	hirebookings2@hammerhire.com.au
Make	CATERPILLAR	Work Order	SC69100
Model	325	Completed On	6/02/2024 3:33:28 PM
Equipment Family	EXCAVATORS	Inspector	Collin Graham
Asset ID	AHSH41	PDF Generated On	6/02/2024
SMU	5922 Hours	Location	30-32 Williamson Rd, Ingleburn, NSW
Coordinates	22.8441104888916, -33.9900015185172, 150.858698510069		
Technician			

## General Info & Comments

### ● General info/Comments

NORMAL





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

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|--|------|
| ● 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
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●	5.6 Inspect last charge date - ACTUAL _____	PASS
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PM ENGINE		
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●	6.1 Perform engine valve set	PASS
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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
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●	6.4 Inspect engine components for missing clamps	PASS
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●	6.5 Inspect exhaust system for signs of leaks, loose bolts or missing clamps	PASS
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●	6.6 Inspect turbo for security and signs of leaks	PASS
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●	6.7 Inspect condition of exhaust lagging	PASS
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●	6.8 Inspect engine mounts for condition and loose hardware	PASS
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●	6.9 Inspect alternator mount condition and adjustment	PASS
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●	6.10 Inspect wiring condition and security	PASS
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●	6.11 Clean engine breather	PASS
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●	6.12 Replace outer air filter	PASS
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●	6.13 Replace inner air filter	PASS
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●	6.14 Replace/Check/Adjust engine belts	PASS
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●	6.15 Carry out engine valve set	PASS
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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
●	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
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●	12.7 Inspect GET condition and hardware	PASS
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PM ELECTRICAL SYSTEM		
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●	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		
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●	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 gear	PASS
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●	14.9 Lubricate swing bearing	PASS
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## PM OPERATOR STATION

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|---|--|------|
| ● | 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

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|---|-------------------------|------|
| ● | 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

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|---|-------------------------|------|
| ● | 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 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
●	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
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