

FITFLEET-EXCAVATOR-500HR-CVA

PM Checklist

● 3 ● 1 ● 97 ● 21

Inspection Number	16805892	Customer No	2969824372
Serial Number	FEK10527	Customer Name	AUSTRALIAN HAMMER SUPPLIES HIRE PTY LTD
Make	CATERPILLAR	Customer Email	michael.patterson@west rac.com.au
Model	330	Work Order	SM30133
Equipment Family	EXCAVATORS	Completed On	5/04/2024 10:33:51 AM
Asset ID	FEK10527	Inspector	Rhys Potter
SMU	3552 Hours	PDF Generated On	4/04/2024
Location	Blackmans Flat, NSW	Coordinates	947.066265949048, - 33.3630258357638, 150.047435364541

Technician



General Info & Comments

● General info/Comments

MONITOR

Comments: Tracks packed full of mud/dirt/ash- LEFT HAND SIDE FRONT CARRIER ROLLER BEARINGS COLLAPSED

Top deck fire extinguisher needs replacing



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
Comments: 27.6 volts		
●	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

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|--|------|
| ● 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

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|---|------|
| ● 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

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|--|------|
| ● 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 | FAIL |

Comments: Top deck fire extinguisher severely deformed- needs replacing.



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|--|------|
| ● 5.5 Check all fire extinguishers are correctly charged | FAIL |
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Comments: Cab extinguisher charged, top deck extinguisher gauge missing, unfit for use

● 5.6 Inspect last charge date - ACTUAL _____ PASS

Comments: 02/24



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 N/A

● 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
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PM ENGINE COOLING SYSTEM

●	7.1 Check coolant level	PASS
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●	7.2 Check condition of radiator cap	PASS
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●	7.3 Check condition of radiator core and blow out	PASS
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●	7.4 Check cooling system for signs of leaks	PASS
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●	7.5 Check hose and clamp condition	PASS
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●	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
●	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	FAIL

Comments: Front carrier roller bearings LH side collapsed





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| ● 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

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|---|------|
| ● 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

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|---|------|
| ● 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	N/A
●	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	N/A
●	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	N/A
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	N/A
●	17.2 Replace engine oil filter	N/A
●	17.3 Replace primary fuel filter (water separator) element	N/A
●	17.4 Replace secondary fuel filter	N/A
●	17.5 Replace fuel system third filter	N/A
●	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
●	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	N/A
●	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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