

FITFLEET-EXCAVATOR-250HR-CVA

PM Checklist

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Inspection Number	15511639	Customer Email	timothy.roberts@westrac.com.au
Serial Number	NDJ20530	Work Order	sy24166
Make	CATERPILLAR	Completed On	25/12/2023 11:41:28 AM
Model	325FCR	Inspector	Tim Roberts
Equipment Family	EXCAVATORS	PDF Generated On	25/12/2023
SMU	4266 Hours	Location	Pinbeyan, NSW
Coordinates	644.858685805462, -35.7693173595996, 148.38157655942		
Technician			

General Info & Comments

● **General info/Comments** NORMAL

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** FAIL

Comments: Boom light out
Cab lights out



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|---|------|
| ● 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 | N/A |
| ● 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

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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

● 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

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- 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 Inspect 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 *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	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
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PM POST SERVICE INSPECTION CHECKS

●	17.1 All inspections have been completed and rectified as required	PASS
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| ● 17.2 All safety related defects have been repaired or reported | PASS |
| ● 17.3 All defects have been noted and reported | PASS |
| ● 17.4 All fluids are at correct level and drain plugs tight | PASS |
| ● 17.5 All oil samples have visually been inspected and any notable signs of contamination have been reported | PASS |
| ● 17.6 All replaced filters have been cut and inspected and photos added to CAT Inspect and reported to supervisor | N/A |
| ● 17.7 Machine has been recommissioned and ready for operation | PASS |
| ● 17.8 PM service notification marked off in Vision Link | COMPLETED |

DEFECTS IDENTIFIED

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| ● 18.1 DEFECTS IDENTIFIED | PASS |
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