

## CATERPILLAR 330 2D

### Major Service

● 2 ● 1 ● 85 ● 10

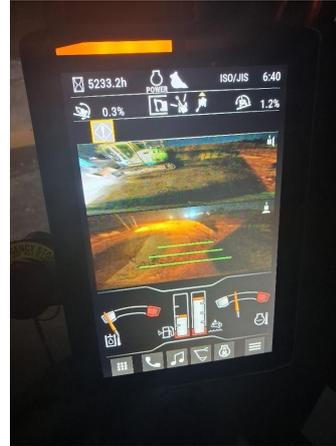
Inspection Number	RP049549	Customer No	100526
Serial Number	XNB00357	Customer Name	ROBSON CIVIL PROJECTS
Make	CATERPILLAR	Customer Email	ap@robsoncivil.com.au
Model	CAT330 2D	Works Order	RP049549
Equipment Family	30.1-34.9T HYDRAULIC EXCAVATOR	Completed On	4/07/2025 9:30:02 AM
Asset ID	AHSH82	Inspector	Jake Raffen
Location	ROBSON CIVIL PROJECTS 25 Abbotts Road  Kemps Creek NSW 2178	PDF Generated On	04/07/2025
		Machine Hours	5233
Customer		Next Meter	5037.99

### General Info & Comments

- Drained and refilled engine oil - 25L
- Drained and refilled final drives and swing drive - 20L
- Removed and replaced engine oil filter
- Removed and replaced engine primary and secondary fuel filter
- Primed fuel system
- Removed and replaced primary and secondary engine air filter
- Removed and replaced recirculating and fresh cabin air filters
- Removed and replaced hydraulic return and auxiliary filters
- Removed and replace DEF/AdBlue filter and injector - resealed as required
- Added CAT ELC extender to system
- Topped up fluids as required. Topped up hydraulic oil - 10L
- Greased machine
- Tested operation of machine - all ok
- Returned machine to service

● **General Info/Comments**

5000hr service



**TASK SAFETY INSTRUCTIONS**

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|--|--------|
| ● 1.1 Wear Correct PPE at all times  | NORMAL |
| ● 1.2 All isolation and safe work procedures must be followed                      | NORMAL |
| ● 1.3 Identify task hazards and controls utilising hierarchy or controls model     | NORMAL |
| ● 1.4 Ensure a competent operator and spotter is utilised to move mobile equipment | NORMAL |
| ● 1.5 Ensure all mobile equipment is fundamentally stable                          | NORMAL |
| ● 1.6 Ensure three points of contact is maintained during access and egress        | NORMAL |
| ● 1.7 Ensure acceptable housekeeping standards are maintained at all times         | NORMAL |

**MACHINE GENERAL RUNNINGCHECKS**

<input checked="" type="radio"/>	2.1 Check all work lights, beacon & reverse alarm for operation	PASS
<input checked="" type="radio"/>	2.2 Test all dash warning lights, gauges and audible alarms for correct operation	PASS
<input type="radio"/>	2.3 Check idle timer for correct shut down operation	N/A
<input checked="" type="radio"/>	2.4 Check operation of all three emergency stop buttons	PASS
<input checked="" type="radio"/>	2.5 Check operation of horn	PASS
<input checked="" type="radio"/>	2.6 Check operation of reverse camera	PASS
<input checked="" type="radio"/>	2.7 Check alternator charge voltage - ACTUAL _____ V	PASS
<input type="radio"/>	2.8 Check operation of auto grease system by manually activating timer	N/A
<input type="radio"/>	2.9 Check fire system control panel for 'Normal'	N/A

#### PM FIRE SUPPRESSION SYSTEM

<input type="radio"/>	5.1 Ensure fire suppression bottle and components are securely mounted and in good condition	N/A
<input type="radio"/>	5.2 Ensure fire suppression is correctly charged	N/A
<input type="radio"/>	5.3 Inspect last charge date - ACTUAL _____	N/A
<input checked="" type="radio"/>	5.4 Check all fire extinguishers are securely mounted and in good condition	PASS
<input checked="" type="radio"/>	5.5 Check all fire extinguishers are correctly charged	PASS
<input checked="" type="radio"/>	5.6 Inspect last charge date - ACTUAL _____	PASS

#### PM ENGINE

<input type="radio"/>	6.1 Perform engine valve set	N/A
<input checked="" type="radio"/>	6.2 Inspect air intake system hoses, pipes, clamps for signs of dirt ingress	PASS
<input checked="" type="radio"/>	6.3 Inspect engine for oil or fuel leaks	PASS
<input checked="" type="radio"/>	6.4 Inspect engine components for missing clamps	PASS
<input checked="" type="radio"/>	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 Inspect engine belts	PASS

## PM ENGINE COOLINGSYSTEM

● 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 SWINGTRANSMISSION

● 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

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|---|------|
| ● 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   | FAIL |
| ● 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

<input checked="" type="radio"/>	13.1 Check battery condition	PASS
<input checked="" type="radio"/>	13.2 Check battery terminal condition	PASS
<input checked="" type="radio"/>	13.3 Check battery security	PASS
<input checked="" type="radio"/>	13.4 Check battery box drain is clear	PASS
<input checked="" type="radio"/>	13.5 Check wiring condition and security	PASS

## PM GREASE SYSTEM

<input checked="" type="radio"/>	14.1 Check all points for acceptable lubrication	PASS
<input checked="" type="radio"/>	14.2 Inspect grease system operation	PASS
<input checked="" type="radio"/>	14.3 Check grease line condition	PASS
<input type="radio"/>	14.4 Refill grease tank	N/A
<input checked="" type="radio"/>	14.5 Lubricate bucket linkage	PASS
<input checked="" type="radio"/>	14.6 Lubricate blade linkage	PASS
<input checked="" type="radio"/>	14.7 Lubricate boom & stick linkage	PASS
<input checked="" type="radio"/>	14.8 Lubricate swing bearing	PASS

## PM OPERATOR STATION

<input checked="" type="radio"/>	15.1 Check all doors for correct opening and closing adjustments and operation	PASS
<input checked="" type="radio"/>	15.2 Inspect condition of door seals	PASS
<input checked="" type="radio"/>	15.3 Check window glass and seal condition	PASS
<input checked="" type="radio"/>	15.4 Check mirror condition and adjustments	PASS
<input type="radio"/>	15.5 Fill window washer reservoir	N/A
<input checked="" type="radio"/>	15.6 Inspect air con vents condition	PASS
<input checked="" type="radio"/>	15.7 Inspect seat belt and mounting hardware	PASS

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● 15.8 Inspect seat condition, operation and mounting PASS

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● 15.9 Replace cabin A/C filter PASS

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## 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 NORMAL

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● 17.2 All safety related defects have been repaired or reported NORMAL

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● 17.3 All defects have been noted and reported NORMAL

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● 17.4 All fluids are at correct level and drain plugs tight NORMAL

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● 17.5 All oil samples have visually been inspected and any notable signs of contamination have been reported NORMAL

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● 17.6 All replaced filters have been cut and inspected and photos added to CAT Inspect and reported to supervisor NORMAL

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● 17.7 Machine has been recommissioned and ready for operation NORMAL

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● 17.8 PM service notification marked off in Vision Link NORMAL

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## DEFECTS IDENTIFIED

● 18.1 DEFECTS IDENTIFIED FAIL

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● Site photo

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● Site photo

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