

INSPECTION REPORT

CATERPILLAR 966M

The Caterpillar 966M is a robust and efficient wheel loader, featuring a powerful C9.3 engine delivering 229kW. This model is EPA and CE certified, ensuring high environmental and safety standards. It comes with a comfortable Erops cabin equipped with air conditioning and an AM/FM radio. Its GP bucket with teeth measures 3.20m in width, ideal for heavy-duty operations. It also boasts advanced features such as joystick control, ride control, autoshift, and a backup camera. With central lubrication, certified working hours, and a clean and excellent condition, this machine is ready to deliver exceptional performance on the job site.



Specifications

Year	2015
Hours	11187
Weight	24.000 kg*
Serial number	CAT0966MHDYC00656
Reference	214172

Features

Engine and model	C9.3
Engine power	229kW
EPA	EPA
CE	✓
Erops cabin	✓
Tyre size	26.5R25
Bucket	GP bucket with teeth
Width of the bucket	3.20m
Steering	Joy stick control
Ride control	✓
Autoshift	✓
Central lubrication	Central lubrication working
Hours	Hours certified by Caterpillar
Overall condition	In very good and very clean condition.

Documents

Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★★★
Decals	★★★★★
Bonnet	★★★★★
Engine cover doors	★★★★★
Chassis	★★★★★
Steps/ladders	★★★★★
Grab irons	★★★★★
Cabin	★★★★★
Pre-cleaner bowl	★★★★★
Toolbox	★★★★★

Engine Details And Condition

Engine number	SYE06678
Arrangement number	361-1881
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-37°C
Diesel anti-freeze added	Yes
Diesel level ok	Yes
Cooling liquid level ok	Yes
Engine oil level ok	Yes
Exhaust manifold	★★★★★
Muffler	★★★★★
Exhaust stack	★★★★★
Engine supports	★★★★★
Hoses	★★★★★
Good cold start	Yes
Engine power	★★★★★
Blow by	★★★★★
Knocking	No
Compression in the radiator	No
Water in the oil	No
Oil in the water	No
Smoke	Normal
Engine leaks	No
Belts and pulleys	★★★★★
Fan	★★★★★
Radiator	★★★★★

Operator Station

Hourmeter	Working, hours certified by Caterpillar
Air conditioning	Working
Heater	Working
Gauges	Not Working
Switches	★★★★★
Display	★★★★★
Warning	No warnings available
Mirrors	Small crack no need to repair
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★

Bucket

Overall condition of the bucket	★★★★★
Bottom	★★★★★
Sides	★★★★★
Teeth	★★★★★

Frame

Play articulation point	★★★★★
Play loading frame	★★★★★
Play bucket pins	★★★★★
Crack or welds	No

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★★★
Hydraulic tank/sight glass and cap	★★★★★
Hydraulic valves leaking	No
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★★★

Brake

Brakelines	★★★★★
Service brake operation	★★★★★
Parking brake operation	★★★★★
Compressor	★★★★★

Drive Train/ Transmission

Transmission fully operational in all gears forward and reverse	Yes
Transmission oil level ok	Yes
Transmission noisy	No
Oil level front axle ok	Yes
Oil level rear axle ok	Yes
Drivetrain leaks	No

Electrical, Starting And Charging System

Alternator functioning	Yes
Wiring	★★★★★
Batteries	★★★★★
Starter	★★★★★
Cabin lights working	Yes
Tail lights working	Yes
Additional work lights working	Few lights don't work

Safety Items

Backup alarm	Working
Seat belt	Available
Horn	Working

Tyres

Front Left

Tread dept in mm	17mm
Percentage life remaining	35%
Retreaded	No

Rear Left

Tread dept in mm	15mm
Percentage life remaining	30%
Retreaded	No

Rear Right

Tread dept in mm	15mm
Percentage life remaining	30%
Retreaded	No

Front Right

Tread dept in mm	20mm
Percentage life remaining	40%
Retreaded	No



[+31 \(0\) 77 3999 840](tel:+31(0)773999840)



sales@smitma.com



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