

## INSPECTION REPORT

### CATERPILLAR 972M

The Caterpillar 972M is a robust wheel loader equipped with the powerful Caterpillar C9.3 engine, delivering 247kW of power. Manufactured in 2015 in Belgium, this machine complies with the CE standards and meets emission level Stage IV, ensuring it operates efficiently and cleanly. It features an Erops cabin with air conditioning, enhancing operator comfort, and is fitted with a General Purpose bucket with teeth, with a width of 3.17m. Additional features include joystick control, ride control, autoshift, and a backup camera for improved safety. The central lubrication system is available though untested, adding convenience to maintenance operations. Overall, the 972M is in good and clean condition with hours certified by Caterpillar.



## Specifications

Year	2015
Hours	14500
Weight	24.000 kg
Serial number	CAT0972MTJPR00305
Reference	211677

## Features

Engine and model	Caterpillar C9.3
Engine power	247kW
CE	✓
Emission level	Stage IV
Erops cabin	✓
Tyre size	26,5 R25
Bucket	GP bucket with teeth
Width of the bucket	3.17m
Steering	Joy stick control
Ride control	✓
Autoshift	✓
Central lubrication	Central lubrication available but not tested
Beacon	✓
Hours	Hours certified by Caterpillar
Overall condition	In good and 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	SYE00690
Arrangement number	373-3766
Air cleaner	Clean
Anti-freeze level °C	-23°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	Not working
Gauges	Working
Switches	★★★★☆
Display	★★★★☆
Warning	No warnings available
Windshield wipers	Few don't work
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	No
Wiring	★★★★☆
Batteries	★★★☆☆
Starter	★★★★☆
Cabin lights working	Few lights don't work
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	37mm
Percentage life remaining	50%
Retreaded	No

### Rear Left

Tread dept in mm	42mm
Percentage life remaining	50%
Retreaded	No

### Rear Right

Tread dept in mm	42mm
Percentage life remaining	50%
Retreaded	No

## Front Right

Tread dept in mm	39mm
Percentage life remaining	50%
Retreaded	No



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