SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

CATERPILLAR 962M HL

Caterpillar 962M High Lift Wheel Loader, powered by a Caterpillar C7.1 engine with 201kW. It meets EPA and Stage IV emission standards. Equipped with an EROPS cabin, Goodyear 23.5 R25 tyres, and a GP bucket with bolt-on edge (2.90m width). Features include air conditioning, ride control, autoshift, backup camera/alarm, weight load indicator, and central lubrication. The machine is in excellent and clean condition with hours certified by Caterpillar.



Specifications

Year	2015
Hours	9689
Weight	19.900
Serial number	CAT0962MTF2T00365
Reference	182771

Features

Engine and model	Caterpillar C7.1,
Engine power	201kW,
EPA	true
CE	✓
Emission level	Stage IV,
Erops cabin	✓
Tyre size	23.5 R25 Goodyear tyres,
Bucket	GP bucket with bolt on edge
Width of the bucket	2.90m,
Steering	Complete steering wheel
Ride control	✓
Autoshift	✓
Central lubrication	true
Hours	Hours certified by Caterpillar
Overall condition	In very good and very clean condition.

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★★☆
Decals	★★★★☆
Bonnet	★★★★☆
Chassis	★★★☆☆
Steps/ladders	★★★★☆
Grab irons	★★★★☆
Cabin	★★★★☆

Engine Details And Condition

Engine number	D8T11262
Arrangement number	476-3227
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	- 35
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	Working
Switches	★★★★☆
Display	★★★★☆
Warning	No warnings available
Mirrors	Not broken
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★☆
Interior roof	★★★★☆
Seat	★★★★☆

Bucket

Overall condition of the bucket	★★★☆☆
Bottom	★★☆☆☆
Sides	★★★☆☆
Cutting edge	★★★☆☆

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

Safety Items

Backup alarm	Working
Seat belt	Available
Horn	Working

Tyres

Front Left

Tread dept in mm	44mm
Percentage life remaining	80%
Retreaded	No

Rear Left

Tread dept in mm	15mm
Percentage life remaining	28%
Retreaded	No

Rear Right

Tread dept in mm	21mm
Percentage life remaining	38%
Retreaded	No

Front Right

Tread dept in mm	46mm
Percentage life remaining	84%
Retreaded	No

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