

INSPECTION REPORT

CATERPILLAR 140M2

The Caterpillar 140M2 is a robust and reliable motor grader powered by the Caterpillar C9.3 engine, delivering 182 kW. It is equipped with essential features such as air conditioning, EPA certification, and a low profile EROPS cabin for enhanced operator comfort. The machine includes a push block, ripper, and a 6x4 drive system, ensuring efficient performance on any site. It also offers a blade width of 4.26 meters, auto-shift capabilities, and differential unlock. This machine has been certified by Caterpillar for its 9773 operational hours and is in excellent, clean condition. Additional extensions can be quoted upon request.



Specifications

Year	2014
Hours	9773
Weight	19.000 kg*
Serial number	CAT0140MEM9D01678
Reference	212659

Features

Engine and model	Caterpillar C9.3
Engine power in kW	182kW
EPA	EPA
Push block	✓
Ripper	✓
Cabin	Low profile erops cabin
Width of the center blade	4.26m
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	★★★★★
Engine cover doors	★★★★★
Battery box	★★★★★
Radiator grill	★★★★★
Steps/ladders	★★★★★
Grab irons	★★★★★
Cabin	★★★★★
Transmission guard	★★★★★
Pre-cleaner bowl	★★★★★
Sheet metal	★★★★★
Cracks or welds	No

Engine Details And Condition

Engine number	MYE05929
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-28°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	Working
Switches	★★★★★
Warning	No Warnings Available
Mirrors	Not Broken
Cabin glass	Not broken
Display	★★★★★
Windshield wipers	Few don't work
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★
Steering column	★★★★★

Steering

Articulate cylinder leaking	No
Play articulate cylinder	★★★★★
Play articulating point	★★★★★
Wheel lean cylinder leaking	No
Play wheel lean cylinder	★★★★★
Steering cylinders leaking	No
Play steering cylinders	★★★★★
Play king pin front axle	★★★★★
Steering frame	★★★★★
Steering pump	★★★★★
Steering operating condition	★★★★★

Blade

Circle A frame	★★★★★
Play circle A frame	★★★★★
Circle frame	★★★★★
Play circle frame	★★★★★
Cutting edge	★★★★★
Ring gear	★★★☆☆
Moldboard skin	★★★★★

Ripper

Play ripper	★★★★★
Lifting cylinder leaking	No
Ripper frame	★★★★★
Number of ripper shanks	5

Hydraulics

Hydraulic oil level ok		Yes
Hydraulic lines and fittings	★★★★★	
Hydraulic tank/sight glass and cap	★★★★★	
Play lift cylinder	★★★★★	
Lift cylinders leaking		No
Play side shift cylinder	★★★★★	
Side shift cylinder leaking		No
Play circle shift cylinder	★★★★★	
Circle shift cylinder leaking		No
Play tip cylinder	★★★★★	
Tip cylinder leaking		No
Hydraulic valves leaking		No
Circle drive oil level ok		Yes
Circle drive leaking		No
Operating condition hydraulics	★★★★★	
Noise hydraulic pump normal		Yes

Brake

Brakelines	★★★★★	
Service brake operation	★★★★★	
Parking brake operation	★★★★★	
Compressor	★★★★★	
Brake pedal	★★★★★	

Transmission

Transmission controls	★★★★★	
Transmission noisy		No
Leaks		No
Transmission oil level ok		Yes
Transmission fully operational in all gears forward and reverse		Yes

Drive Chain/Tandems

Differential lock/unlock working		Yes
Tandem housing	★★★★★	
Left tandem leaking		No
Left tandem oil level ok		Yes
Right tandem leaking		No
Right tandem oil level ok		Yes
Wheel bolts and rims	★★★★★	

Electrical, Starting And Charging System

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

Safety Items

Backup alarm	Working
Seat belt	Available
Horn	Working
Parking Brake	Working

Tyres

Front Left Tyres

Tread dept in mm	24mm
Percentage life remaining	85%
Retreaded	No

Middle Left Tyres

Tread dept in mm	18mm
Percentage life remaining	60%
Retreaded	No

Rear Left Tyres

Tread dept in mm	20mm
Percentage life remaining	70%
Retreaded	No

Rear Right Tyres

Tread dept in mm	20mm
Percentage life remaining	70%
Retreaded	No

Middle Right Tyres

Tread dept in mm	18mm
Percentage life remaining	60%
Retreaded	No

Front Right Tyres

Tread dept in mm	24mm
Percentage life remaining	85%
Retreaded	No



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



sales@smitma.com



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