

INSPECTION REPORT

CATERPILLAR 140M3

The Caterpillar 140M3 is a high-performance motor grader, equipped with a robust Caterpillar C9.3 engine delivering 189 kW of power. Manufactured in 2015, this machine is in excellent condition with a wide range of features such as air conditioning, a ripper, a low-profile EROPS cabin with auto shift, and a 6x4 drive. It has a central blade width of 4.28m, blade lift accumulators, central lubrication, a backup camera, and a differential unlock system. This motor grader provides great reliability and efficiency for demanding jobs. The engine hours are certified by Caterpillar, ensuring its trustworthy operation.



Specifications

Year	2015
Hours	8556
Weight	20.000 kg
Serial number	CAT0140MEN9M00208
Reference	210676

Features

Engine and model	Caterpillar C9.3
Engine power in kW	189kW
EPA	EPA
Ripper	✓
Cabin	Low profile erops cabin
Width of the center blade	4.28m
Hours	Hours certified by Caterpillar
Beacon	✓
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	★★★★★
Fuel tank	★★★★★
Transmission guard	★★★★★
Pre-cleaner bowl	★★★★★
Sheet metal	★★★★★
Cracks or welds	No

Engine Details And Condition

Engine number	SYE07764
Arrangement number	381-6488
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-35°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	Working
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	★★★★★
Circle frame	★★★★★
Play circle frame	★★★★★
Cutting edge	★★★★★
Ring gear	★★★★★
Moldboard skin	★★★★★

Ripper

Play ripper	★★★★★
Lifting cylinder leaking	No
Ripper frame	★★★★★
Number of ripper shanks	3

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		No

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	Yes
Additional work lights working	Few lights don't work

Safety Items

Backup alarm	Working
Backup camera	Working
Seat belt	Available
Horn	Working
Parking Brake	Working
Beacon	Working

Tyres

Front Left Tyres

Tread dept in mm	19mm
Percentage life remaining	70%
Retreaded	No

Middle Left Tyres

Tread dept in mm	16mm
Percentage life remaining	60%
Retreaded	No

Rear Left Tyres

Tread dept in mm	16mm
Percentage life remaining	60%
Retreaded	No

Rear Right Tyres

Tread dept in mm	16mm
Percentage life remaining	60%
Retreaded	No

Middle Right Tyres

Tread dept in mm	16mm
Percentage life remaining	60%
Retreaded	No

Front Right Tyres

Tread dept in mm	19mm
Percentage life remaining	70%
Retreaded	No



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