

## INSPECTION REPORT

### CATERPILLAR 140M3 AWD

The Caterpillar 140M3 AWD is an advanced motor grader built for precision and durability. Powered by a robust Caterpillar 9.3 engine, it ensures high performance across a range of tasks. The machine is equipped with advanced features such as auto shift, hydraulic tip control, and a center blade with a width of 4.27 meters. Designed for operator convenience, it has a backup camera, differential unlock, and is GPS ready. With EPA compliance, a ripper, and a 6x6 drive configuration, this grader is prepared to tackle tough terrains. Additionally, it boasts a clean and well-maintained record, making it an excellent choice for efficient operations.



### Specifications

Year	2016
Hours	9686
Weight	19000 kg
Serial number	CAT0140MJN9J00367
Reference	211479

### Features

Engine and model	Caterpillar 9.3
EPA	EPA
Ripper	✓
Hydraulic tip control	✓
Width of the center blade	4.27m
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	★★★★☆
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	SYE09293
Arrangement number	373-3811
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-50°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	Not 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

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	★ ★ ★ ★ ★	
Yoke little play		
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
Front left final drive leaking		No
Front left final drive oil level ok		Yes
Front right final drive leaking		No
Front right final drive 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	Yes

## Safety Items

Backup alarm	Working
Backup camera	Working
Seat belt	Available
Horn	Working
Parking Brake	Working
Beacon	Not Working

## Tyres

### Front Left Tyres

Percentage life remaining 100%

### Middle Left Tyres

Percentage life remaining 50%

### Rear Left Tyres

Percentage life remaining 50%

### Rear Right Tyres

Percentage life remaining 50%

### Middle Right Tyres

Percentage life remaining 50%

# Front Right Tyres

Percentage life remaining 100%



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