

INSPECTION REPORT

CATERPILLAR 140H II

Introducing the Caterpillar 140H II Motor Grader, a robust and efficient machine powered by the Caterpillar 3176 engine, delivering a significant 138 kW. Manufactured in 2006, it features a low-profile EROPS cabin, hydraulic tip control, and a spacious 4.27m wide center blade. This machine is perfect for heavy-duty tasks with its 6x4 drivetrain, push block, and ripper attachments. The grader is in very good and clean condition, certified by Caterpillar, ensuring reliability for your operations. Additional extensions are available upon request.



Specifications

Year	2006
Hours	10770
Weight	21300 kg
Serial number	CAT0140HHCCA02050
Reference	211080

Features

Engine and model	Caterpillar 3176
Engine power in kW	138 kW
EPA	EPA, but sticker not available
Push block	✓
Ripper	✓
Cabin	Low profile erops cabin
Hydraulic tip control	✓
Width of the center blade	4.27m
Hours	Hours certified by Caterpillar
Overall condition	In very good and 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	3PD15427
Arrangement number	1605101
EPA sticker available	No
Air cleaner	Clean
Anti-freeze level °C	-30°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
Windshield wipers	Few don't work
Interior lights	Not Working
Cabin floor	★ ★ ★ ★ ★
Interior roof	★ ★ ★ ★ ★
Seat	★ ★ ★ ★ ★
Steering column	★ ★ ★ ★ ★

Steering

Articulate cylinder leaking	No
Play articulate cylinder	★ ★ ★ ★ ★
Little play	
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 scarifier shanks	7
Number of ripper shanks	5

Hydraulics

Hydraulic oil level ok		Yes
Blade lift accumulators		2
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	★ ★ ★ ★ ★	
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	Yes

Safety Items

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

Tyres

Front Left Tyres

Percentage life remaining 80%

Middle Left Tyres

Percentage life remaining 30%

Rear Left Tyres

Percentage life remaining 30%

Rear Right Tyres

Percentage life remaining 30%

Middle Right Tyres

Percentage life remaining 30%

Front Right Tyres

Percentage life remaining 80%



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