

INSPECTION REPORT

CATERPILLAR 140H II - CE

The Caterpillar 140H II is equipped with a Caterpillar 3176 engine delivering 153kW of power. This robust motorgrader features CE certification, a 17.5R25 tire size, a front blade, and a ripper, arranged in a 6x4 configuration. It boasts a low profile EROPS cabin, auto shift capability, and a central blade width of 3.60m. Additional features include central lubrication, differential unlocking, hours certified by Caterpillar, a beacon, and extension options available upon request. The machinery is in very good and clean condition, ready to deliver exceptional performance.



Specifications

Year	2005
Hours	8923
Weight	21.300 kg
Serial number	CAT0140HCCCA01247
Reference	211447

Features

Engine and model	Caterpillar 3176
Engine power in kW	138kW
CE	✓
Ripper	✓
Cabin	Low profile erops cabin
Width of the center blade	3.60m
Hours	Hours certified by Caterpillar
Beacon	✓
Overall condition	In very good and clean condition.

Documents

CE document	CE document available
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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	★★★★★
Central greasing working	Yes
Cracks or welds	No

Engine Details And Condition

Engine number	3PD11738
Arrangement number	160-5101
Air cleaner	Clean
Anti-freeze level °C	-25°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
Heater	Working
Gauges	Working
Switches	★★★★★
Warning	No Warnings Available
Mirrors	Not Broken
Cabin glass	Not broken
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	★★★★★
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	3

Hydraulics

Hydraulic oil level ok		Yes
Hydraulic lines and fittings	★★★★★	
Hydraulic tank/sight glass and cap	★★★★★	
Play lift cylinder	★★★★★	
Little play. Bushing and yoke		
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		Not Major
Right tandem oil level ok		Yes
Wheel bolts and rims	★★★★★	

Electrical, Starting And Charging System

Alternator functioning	Yes
Wiring	★★★★★
Batteries	★★★★★
Starter	★★★★★
Head lights working	Few lights don't work
Tail lights working	Few lights don't work
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
Beacon	Working

Tyres

Front Left Tyres

Tread dept in mm	6mm
Percentage life remaining	20%
Retreaded	No

Middle Left Tyres

Tread dept in mm	25mm
Percentage life remaining	90%
Retreaded	No

Rear Left Tyres

Tread dept in mm	25mm
Percentage life remaining	90%
Retreaded	No

Rear Right Tyres

Tread dept in mm	25mm
Percentage life remaining	90%
Retreaded	No

Middle Right Tyres

Tread dept in mm	25mm
Percentage life remaining	90%
Retreaded	No

Front Right Tyres

Tread dept in mm	15mm
Percentage life remaining	70%
Retreaded	No



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