

INSPECTION REPORT

CATERPILLAR CS563D

The Caterpillar CS563D is a self-propelled roller designed for heavy-duty compaction tasks. Powered by a 108 kW Caterpillar 3116 engine, it ensures efficiency and reliability. This machine, with a CE mark, features an EROPS cabin for operator comfort, while its backup alarm enhances safety. With a size of 5.57 x 2.30 x 3.14 meters and weighing 12,000 kg, this 2002 model is in excellent condition.



Specifications

Year	2002
Hours	5362
Weight	12.000 kg
Serial number	CATCS563K2RZ00594
Reference	213994

Features

Engine brand	Caterpillar
Engine model	3116
Engine power in kW	108 kW
CE	✓
Tyre size	23.1-26
Overall condition	In very good and very clean condition.

Documents

Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★★★
Decals	★★★★★
Bonnet	★★★★★
Chassis	★★★★★
Steps/ladders	★★★★★
Cabin	★★★★★

Engine Details And Condition

Engine number	4TF78331
Arrangement number	149-8052
Air cleaner	Clean
Anti-freeze level °C	-41°C
Diesel anti-freeze added	Yes
Diesel level ok	Yes
Cooling liquid level ok	Yes
Exhaust manifold	★★★★★
Muffler	★★★★★
Exhaust stack	★★★★★
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	★★★★★

Safety Items

Backup alarm	Working
Seat belt	Available
Parking brake	Working

Operator Station

Hourmeter	Working
Heater	Working
Gauges	Working
Switches	★★★★★
Warnings	No warnings available
Mirrors	Not broken
Cabin glass	Small crack, no need to repair
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★

Drum

Vibratory system	★★★★★
Drum surface	★★★★★
Rubber mounts	★★★★★
Drum scrapers	★★★☆☆
Leakages	No
Drum oil level ok	Yes
Vibration	High and low vibration frequency working

Steering

Articulate cylinder leaking	No
Play articulate cylinder	★★★★★
Play articulating point	★★★★★

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★★★
Hydraulic tank/sight glass and cap	★★★★★
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★★★

Drive Chain

Rear axle leakages	No
Wheel bolts and rims	★★★★★
Travel motors	★★★★★

Electrical, Starting And Charging System

Alternator functioning	Yes
Wiring	★★★★★
Batteries	★★★★★
Starter	★★★★★
Cabin lights working	Yes

Tyres

Rear Left Tyres

Percentage life remaining	60%
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Rear Right Tyres

Percentage life remaining

80%



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