SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

CATERPILLAR D6 LGP 20A | Ripper Valve

The Caterpillar D6 LGP 20A is a robust bulldozer equipped with a Caterpillar C9.3B engine delivering 187 kW of power. Manufactured in 2019, this machine offers various advanced features including air conditioning and an Erops cabin for operator comfort. It comes with a straight tilt blade measuring 4.07 meters in width and benefits from differential steering for better maneuverability. Additionally, it is equipped with a ripper valve, system one undercarriage, and wide pads measuring 915mm. A backup camera, beacon, and draw bar are included for enhanced safety and convenience. This machine is in very good and clean condition, with Caterpillar-certified hours, and a new ripper is available upon request.



Specifications

Year	2019
Hours	6599
Weight	23950 kg
Serial number	CAT000D6VGZ900311
Reference	214943

Features

Engine brand	Caterpillar C9.3B
Engine power in kW	187 kW
CE	✓
Air conditioning	✓
Erops cabin	✓
Blade	Straight tilt blade
Width of the blade	4.07m
Steering	Differential steering
Ripper or valve	Ripper valve
Width of the pads	915mm
Draw bar	✓
New ripper available, ask for quotation	✓
Hours	Hours certified by Caterpillar
Overall condition	In very good and very clean condition.

Documents

CE document	CE document available
Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★☆☆
Decals	★★★★★
Bonnet	★★★★☆
Engine cover doors	★★★★☆
Chassis	★★★★☆
Grab irons	★★★★☆
Cabin	★★★★☆
Belly plate	★★★☆☆
Pre-cleaner bowl	★★★☆☆

Engine Details And Condition

Engine number	XWE02709
Air cleaner	Clean
Anti-freeze level °C	-27°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	★★★☆☆

Undercarriage Left In Life In %

Overall condition	70%
Chains	60%
Bushings	60%
Sprockets	90%
Idlers	70%
Bottom rollers	40%
Top rollers	60%
Track pads	70%

Operator Station

Hourmeter	Working, hours certified by Caterpillar
Air conditioning	Working
Heater	Working
Gauges	Working
Switches	★★★★☆
Display	★★★★☆
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★☆
Interior roof	★★★★☆
Seat	★★★★☆
Door lock	Working

Steering

Steering operating condition	★★★★☆

Frame And Blade

Moldboard skin	★★★★☆
Cutting edge	★★★★★
Play dozer frame	★★★★☆
Play blade pin	★★★★☆
Play push arms	★★★★☆
Play lift cylinder	★★★★☆
Lift cylinders leaking	No
Play tilt cylinder	★★★☆☆
Little play	
Tilt cylinder leaking	No
Play equaliser bar	★★★★☆
Cracks or welds	No

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★★☆
Hydraulic tank/sight glass and cap	★★★★☆
Hydraulic valves leaking	No
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★★☆

Brake

Service brake operation	★★★★☆
Parking brake operation	★★★★☆

Drive Train/ Transmission

Transmission fully operational in all gears forward and reverse	Yes
Transmission oil level ok	Yes
Transmission noisy	No
Oil level left final drive ok	Yes
Oil level right final drive ok	Yes
Drive chain leaks	No

Electrical, Starting And Charging System

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

Safety Items

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

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