

INSPECTION REPORT

CATERPILLAR 301.8

The Caterpillar 301.8 is a robust mini excavator designed for efficient and versatile operations. Powered by a Caterpillar C1.1 engine delivering 16.1 kW, this machine ensures reliable performance. It features a mono boom, a digging bucket with an edge, and an additional ditch cleaning bucket. The hydraulic quick release and piped hammer make it adaptable to various tasks. With a hydraulic retractable undercarriage and CE certification, it offers safety and stability. The machine includes an AM/FM radio and immobilizer, with running hours certified by Caterpillar. It is in excellent, clean condition, weighing 2000 kg and measuring 3.60 x 0.99 x 2.29m.



Specifications

Year	2021
Hours	2511
Weight	2000 kg
Serial number	CAT03018EH8X04587
Reference	212444

Features

Engine power in kW	16.1 kW
CE	✓

Documents

Parts book	✓
Operation manual	✓

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★★★
Body work	★★★★★
Decals	★★★★★
Engine cover doors	★★★★★
Chassis	★★★★★
Bottom plates	★★★★★
Grab irons	★★★★★
Cabin	★★★★★
Cracks or welds	No

Engine Details And Condition

Engine number	J2J12731
Air cleaner	Clean
Anti-freeze level °C	-38°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 water	No
Water in the oil	No
Oil in the water	No
Smoke	Normal
Engine leaks	No
Belts and pulleys	★★★★★
Fan	★★★★★
Radiator	★★★★★

Bucket

Overall condition of the bucket	★★★★★
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Undercarriage Left In Life In %

Overall condition	70%
Sprockets	70%
Idlers	80%
Bottom rollers	60%
Track pads	70%

Safety Items

Seat belt	Available
Horn	Working

Operator Station

Hourmeter	Working, hours certified by Caterpillar
Heater	Working
Gauges	Working
Switches	★★★★★
Display	★★★★★
Warning	No warnings available
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★
Door lock	Working

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★★★
Hydraulic tank/sight glass and cap	★★★★★
Travel motors	★★★★★
High and low travel speed working	Working
Oil level left final drive ok	Yes
Left final drive leaking	No
Oil level right final drive ok	Yes
Right final drive leaking	No
Hydraulic valves leaking	No
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★★★

Boom And Stick

Play lift cilinder	★★★★★
Lift cylinders leaking	No
Play boom pen	★★★★★
Little play	
Play stick cylinder	★★★★★
Stick cylinder leaking	No
Play stick pen	★★★★★
Play bucket cylinder	★★★★★
Bucket cylinder leaking	No
Play bucket link	★★★★★
Play bucket pen	★★★★★
Condition monoboom	★★★★★
Condition stick	★★★★★

Swing Circle

Play on the swing bearing	★★★★☆
Swing gear	★★★★☆
Swing drive leaking	No
Swing brake operating	Yes
Swing noise normal	Yes
Hydraulic swivel leaking	No
Operating condition	★★★★☆

Electrical, Starting And Charging System

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



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