

## INSPECTION REPORT

### CATERPILLAR 301.8

The Caterpillar 301.8 Mini Excavator is equipped with a Caterpillar C1.1 engine, delivering 16.1 kW of power. Manufactured in 2021, this machine is in excellent condition, with a mono boom, hydraulic quick release, and multiple bucket options. It includes features such as an AM/FM radio, immobiliser, and retractable undercarriage. Perfect for precise digging tasks, this excavator has 2,594 hours and is certified by Caterpillar. Its compact dimensions and 2,000 kg weight make it ideal for diverse job sites.



## Specifications

Year	2021
Hours	2594
Weight	2000 kg
Serial number	CAT03018TH8X05192
Reference	212446

## Features

Engine power in kW	16.1 kW
CE	✓

## Documents

CE document	✓
CE document	CE document available
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	J2J14846
Air cleaner	Clean
Anti-freeze level °C	-35°C
Diesel anti-freeze added	Yes
Diesel 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	★★★★★
Play stick cylinder	★★★★★
Stick cylinder leaking	No
Play stick pen	★★★★★
Play bucket cylinder	★★★★★
Bucket cylinder leaking	No
Play bucket link	★★★★★
Play bucket pen	★★★★★
Condition monoboomb	★★★★★
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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