SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

CATERPILLAR 320D

The Caterpillar 320D excavator is an excellent choice for your construction needs, featuring a powerful Caterpillar C6.4 engine with 103kW output. This machine is equipped with a hydraulic quick release, a digging bucket with teeth, and is piped for hammer and shear use. Its spacious cabin includes air conditioning and an AM/FM radio for operator comfort. The excavator is in very good condition with hours certified by Caterpillar, ensuring reliability and efficiency.



Specifications

Year	2008
Hours	11702
Weight	22900 kg
Serial number	CAT0320DKKGF01845
Reference	182823

Features

Engine brand and model	Caterpillar C6.4,
Engine power in kW	103kW,
CE	✓
Air conditioning	✓
Width of the pads	700mm,
Boom	Mono boom
Bucket	Digging bucket with teeth
Width of the bucket	1.50m,
Piped	Piped for hammer & shear
AM/FM Radio	✓
Hours	Hours certified by Caterpillar
Overall condition	In very good and clean condition.

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★☆☆
Body work	★★★☆☆
Decals	★★★☆☆
Bonnet	★★★☆☆
Engine cover doors	★★★★☆
Chassis	★★★★☆
Bottom plates	★★★★☆
Counter weight	★★★★☆
Toolbox	★★★★☆
Steps/ladders	★★★★☆
Grab irons	★★★★☆
Cabin	★★★☆☆
Pre-cleaner bowl	★★★★☆
Cracks or welds	No

Engine Details And Condition

Engine number	GDC14303
Air cleaner	Clean
Anti-freeze level °C	- 35
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	★★★☆☆

Bucket

Overall condition of the bucket	★★★☆☆
Bottom	★★☆☆☆
Sides	★★★☆☆
Teeth	★★☆☆☆

Undercarriage Left In Life In %

Overall condition	50% good
Chains	50%
Bushings	40%
Sprockets	60%
Idlers	70%
Bottom rollers	50%
Top rollers	90%
Track pads	50%

Safety Items

Seat belt	Available
Horn	Working

Operator Station

Hourmeter	Working
Air conditioning	Not Working
Heater	Working
Gauges	Working
Switches	★★★☆☆
Display	★★★☆☆
Warning	No warnings available
Cabin glass	Small crack, no need to repair
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
Left final drive leaking	No
Right final drive leaking	No
Hydraulic valves leaking	No
Noise hydraulic pump normal	No
Operating condition hydraulics	★★★☆☆

Boom And Stick

Play lift cylinder	★★★☆☆
Lift cylinders leaking	No
Play boom pen	★★★☆☆
Play V/A boom pins	★★★☆☆
Play V/A cylinder	★★★☆☆
V/A cylinder leaking	No
Play stick cylinder	★★★☆☆
Stick cylinder leaking	No
Play stick pen	★★★☆☆
Play bucket cylinder	★★★☆☆
Bucket cylinder leaking	No
Play bucket link	★★★☆☆
Condition monoboom	★★★☆☆
Condition V/A boom	★★★☆☆
Condition stick	★★★☆☆

Swing Circle

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

Electrical, Starting And Charging System

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

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