SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

CATERPILLAR 323D

The Caterpillar 323D is a robust excavator designed for heavy-duty tasks. Powered by a Caterpillar C6.4 engine delivering 117 kW, this machine ensures efficient performance. Equipped with air conditioning, central lubrication, and a backup camera, it offers both comfort and precision. Additional features include a beacon, cat walk, mono boom of 5.70m, a stick length of 2.95m, and piping for hammer, shear, and clamp attachments. With 900mm wide pads, it provides stable and versatile operation. Certified hours and its excellent condition make it a reliable choice for demanding projects.



Specifications

Year	2008
Hours	14964
Weight	25000 kg
Serial number	CAT0323DHBYM00607
Reference	186502

Features

Engine brand and model	Caterpillar C6.4,
Engine power in kW	117kW,
Air conditioning	✓
Cat walk	✓
Width of the pads	900mm,
Boom	Mono boom
Length of the mono boom	5.70m,
Length of the stick	2.95m,
Piped	Piped for hammer, shear and clamp
AM/FM Radio	✓
Hours	Hours certified by Caterpillar
Overall condition	In very good and very 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	★★★★☆
Central greasing working	Yes
Cracks or welds	No

Engine Details And Condition

Engine number	GDC13397
Arrangement number	G32F0-010
Air cleaner	Clean
Anti-freeze level °C	-23
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	★★★★★
Cutting edge	★★★★★
Teeth	★★★★★

Undercarriage Left In Life In %

Overall condition	70% good
Chains	80%
Bushings	80%
Sprockets	80%
Idlers	80%
Bottom rollers	60%
Top rollers	70%
Track pads	60%

Safety Items

Backup camera	Working
Seat belt	Available
Horn	Working

Operator Station

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

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 cylinder	★★★☆☆
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 monoboom	★★★☆☆
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

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