

INSPECTION REPORT

VOLVO EW160D

The Volvo EW160D is a robust and versatile wheeled excavator designed for efficient operation in various construction environments. Powered by a reliable Volvo D6H engine delivering 115 kW, this machine ensures top performance with features like air conditioning, a backup camera, and an immobilizer. Its V/A boom and 2.45m stick equip it well for precise digging tasks, complemented by a hydraulic quick release system. The included hydraulic angling ditch cleaning bucket (1.80m wide) and an additional digging bucket (0.98m wide with teeth) enhance its versatility. It is piped for hammer and shear, with a burst valve on multiple cylinders, ensuring safety and efficiency. Weighing 20,500 kg and with dimensions of 8.35 x 2.55 x 3.23m, this model is in very good and clean condition, perfect for heavy-duty tasks.



Specifications

Year	2012
Hours	11552
Weight	20.500 kg
Serial number	VCEW160DC00220059
Reference	213309

Features

Engine brand	Volvo
Engine Model	D6H
Engine power in kW	115 kW
CE	✓
Air conditioning	✓
Tyre size	445/70R19.5
Boom	V/A boom
Bucket	Hydraulic angling ditch cleaning bucket
Width of the bucket	1.80m
Piped	Piped for hammer & shear
Burst valve	Burst valve on lift, V/A and stick cylinder
Overall condition	In very good and clean condition.

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	★★★★☆
Bonnet	★★★★☆
Engine cover doors	★★★★☆
Chassis	★★★★☆
Counter weight	★★★★☆
Toolbox	★★★☆☆
Steps/ladders	★★★★☆
Grab irons	★★★★☆
Cabin	★★★★☆
Cracks or welds	No

Engine Details And Condition

Engine number	11228454
Air cleaner	Clean
Anti-freeze level °C	-31°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	★★★★☆

Bucket

Overall condition of the bucket	★★★★☆
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Safety Items

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

Operator Station

Hourmeter	Working
Air conditioning	Working
Heater	Working
Gauges	Working
Switches	★★★★☆
Display	★★★☆☆
Warning	No warnings available
Mirrors	Small crack, no need to repair
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	★★★★☆
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 pin	★ ★ ★ ★ ★
Play V/A boom pins	★ ★ ★ ★ ★
Play V/A cylinder	★ ★ ★ ★ ★
V/A cylinder leaking	No
Play stick cylinder	★ ★ ★ ★ ★
Stick cylinder leaking	No
Play stick pin	★ ★ ★ ★ ★
Play bucket cylinder	★ ★ ★ ★ ★
Bucket cylinder leaking	No
Play bucket link	★ ★ ★ ★ ★
Play bucket pin	★ ★ ★ ★ ★
Condition monoboom	★ ★ ★ ★ ★
Condition V/A boom	★ ★ ★ ★ ★
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
Tail lights working	Yes

Tyres

Front Left

Percentage life remaining 30%

Rear Left


Percentage life remaining 40%

Rear Right

Percentage life remaining 40%

Front Right

Percentage life remaining 20%

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