

INSPECTION REPORT

VOLVO EW180D

The Volvo EW180D is a robust wheeled excavator, powered by a reliable Volvo D6H engine with a power output of 129kW. Manufactured in 2014, this machine has genuine operating hours of 7801, and is in good, very clean condition. Equipped with air conditioning, central lubrication, a backup camera, and a V/A boom. It comes with a new digging bucket with teeth, a piped setup for hammer and shear, and a burst valve on the lift and V/A cylinder. The tyre size is 11.00-20, and the machine weighs 20,500 kg. The EW180D offers a spacious cabin with AM/FM radio for a pleasant work environment.



Specifications

Year	2014
Hours	7801
Weight	20.500 kg
Serial number	VCEW180DC00220249
Reference	213389

Features

Engine brand	Volvo
Engine Model	D6H
Engine power in kW	129kW
CE	✓
Air conditioning	✓
Tyre size	11.00-20
Boom	V/A boom
Bucket	New digging bucket with teeth
Width of the bucket	1.20
Piped	Piped for hammer & shear
Burst valve	Burst valve on lift and V/A cylinder
Hours	Genuine hours
Overall condition	In good and very 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	★★★★☆
Pre-cleaner bowl	★★★★☆
Central greasing working	Yes
Cracks or welds	No

Engine Details And Condition

Engine number	11562103
Air cleaner	Clean
Anti-freeze level °C	-34°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	★★★★★
Bottom	★★★★★
Sides	★★★★★
Teeth	★★★★★

Safety Items

Backup camera	Working
Seat belt	Available
Horn	Working

Operator Station

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

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 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	★★★★☆
Play bucket pen	★★★★☆
Condition V/A boom	★★★★☆
Condition stick	★★★★☆

Swing Circle

Play on the swing bearing	★★★★★
Little play	
Swing gear	★★★★★
Swing drive oil level ok	Yes
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
Additional lights working	Few lights don't work

Tyres

Front Left

Tread dept in mm	12mm
Percentage life remaining	50%
Retreaded	No

Rear Left

Tread dept in mm	8mm
Percentage life remaining	30%
Retreaded	No

Rear Right

Tread dept in mm	15mm
Percentage life remaining	50%
Retreaded	No

Front Right

Tread dept in mm	4mm
Percentage life remaining	20%
Retreaded	No



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