

INSPECTION REPORT

CATERPILLAR M318F

The Caterpillar M318F is a versatile wheel excavator manufactured in 2015 in France. It features a Caterpillar C7.1 engine with an output of 129 kW, ensuring powerful performance for various applications. Equipped with EPA and CE certifications, this machine meets stringent environmental and safety standards. Key features include central lubrication, a backup camera and alarm, an immobilizer, and new 10.00-20 Bridgestone tires. A variable geometry boom (V/A boom) and a 2.40m stick length are designed for operational flexibility. Additional hydraulic functionalities include a quick release system and piping for a hammer, plus a burst valve on the lift and stick cylinder. The machine is certified by Caterpillar for 13,836 hours of use and remains in excellent and clean condition. It weighs 17,600 kg and measures 8.60 x 2.55 x 3.17 meters, making it a compact yet robust choice for construction and excavation projects.



Specifications

Year	2015
Hours	13836
Weight	17600 kg
Serial number	CATM318FAF8B00299
Reference	211558

Features

Engine brand	Caterpillar
Engine Model	C7.1
Engine power in kW	129 kW
EPA	✓
CE	✓
Tyre size	10.00-20 Bridgestone NEW!
Boom	V/A boom
Piped	Piped for hammer
Burst valve	Burst valve on lift, V/A and stick cylinder
Hours	Hours certified by Caterpillar
Overall condition	In very good and very clean condition.

Documents

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	D8T01589
Arrangement number	3915527
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-50°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	★★★★★

Safety Items

Backup alarm	Working
Backup camera	Working
Seat belt	Available
Horn	Working

Operator Station

Hourmeter	Working, hours certified by Caterpillar
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	★★★★★
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 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	Few lights don't work
Tail lights working	Yes
Additional lights working	Yes

Tyres

Front Left

Percentage life remaining	100%
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Rear Left

Percentage life remaining	100%
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Rear Right

Percentage life remaining	100%
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Front Right

Percentage life remaining	100%
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