

INSPECTION REPORT

CATERPILLAR M318F

The Caterpillar M318F is a versatile mobile excavator known for its robust performance and reliability. Powered by a Caterpillar C7.1 engine with 129.4 kW, it meets EPA and CE standards. This machine features central lubrication, a backup camera, and cabin protection. With a V/A boom and a stick length of 2.60m, it offers enhanced operational flexibility. The hydraulic quick release, digging bucket with a width of 1.11m, and piping for hammer and shear make it suitable for a variety of tasks. The Caterpillar M318F is in very good and clean condition, with hours certified by Caterpillar.



Specifications

Year	2018
Hours	8861
Weight	18.700 kg
Serial number	CATM318FPFB800736
Reference	214198

Features

Engine brand	Caterpillar
Engine Model	C7.1
Engine power in kW	129.4 kW
EPA	✓
CE	✓
Cabin protection	✓
Tyre size	315/70R22.5
Boom	V/A boom
Bucket	Digging bucket with teeth
Width of the bucket	1.11m
Piped	Piped for hammer & shear
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

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	D8T42243
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	★★★★★

Bucket

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

Safety Items

Backup camera	Working
Seat belt	Available
Horn	Working
Beacon	Working

Operator Station

Hourmeter	Working, hours certified by Caterpillar
Air conditioning	Not 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	★★★★★
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
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		Yes

Tyres

Front Left

Percentage life remaining	60%
Retreaded	Yes

Rear Left

Percentage life remaining	60%
Retreaded	Yes

Rear Right

Percentage life remaining
Retreaded

60%
Yes

Front Right

Percentage life remaining
Retreaded

60%
Yes



[+31 \(0\) 77 3999 840](tel:+31(0)773999840)



sales@smitma.com



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