SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

CATERPILLAR 330F LN

The Caterpillar 330F LN is a highly efficient excavator equipped with a powerful Caterpillar C7.1 engine delivering 178 kW. This model is designed for superior performance in various conditions, featuring EPA and CE certifications, air conditioning, and a backup camera for enhanced safety and comfort. It has a sturdy mono boom (6.15m) and stick (3.20m), combined with a new digging bucket with a 1.40m width. The machine is piped for hammer and shear, with burst valve protection on lift and stick cylinders. It ensures operator comfort with AM/FM radio and is in very good, clean condition certified by Caterpillar. With 7773 operational hours, it maintains an impressive condition integral for heavy-duty operations.



Specifications

Year	2016
Hours	7773
Weight	30.390 kg
Serial number	CAT0330FJLBN00330
Reference	214274

Features

Engine brand and model	Caterpillar C7.1
Engine power in kW	178 kW
EPA	EPA
CE	✓
Air conditioning	✓
Width of the pads	600mm
Boom	Mono boom
Length of the mono boom	6.15m
Length of the stick	3.20m
Bucket	New digging bucket with teeth
Width of the bucket	1.40m
Piped	Piped for hammer & shear
AM/FM Radio	✓
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	★★★☆☆
Bottom plates	★★★★☆
Counter weight	★★★☆☆
Toolbox	★★★☆☆
Steps/ladders	★★★☆☆
Grab irons	★★★★☆
Cabin	★★★★☆
Pre-cleaner bowl	★★★★☆
Cracks or welds	No

Engine Details And Condition

Engine number	D8T17027
EPA sticker available	Yes
Air cleaner	Clean
Anti-freeze level °C	-46°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	★★★★☆
Ad blue	✓

Bucket

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

Undercarriage Left In Life In %

Overall condition	50%
Chains	60%
Bushings	40%
Sprockets	50%
Idlers	60%
Bottom rollers	30%
Top rollers	90%
Track pads	40%

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	★★★☆☆
Door lock	Working

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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