

INSPECTION REPORT

CATERPILLAR 329E LN

The Caterpillar 329E LN is an efficient and powerful excavator designed for demanding workloads. Featuring a robust Caterpillar C7.1 engine with 161kW, it ensures high performance and reliability. This model is equipped with advanced features including EPA and CE certifications, air conditioning, and a backup camera for enhanced operator comfort and safety. It boasts a mono boom with a length of 6.20 meters and a stick length of 2.65 meters, offering excellent reach and versatility. The excavator comes with a new digging bucket with teeth, measuring 1.40 meters in width, and is piped for hammer, shear, and clamp operations. The machine is well-maintained and in good, clean condition with 9816 hours certified by Caterpillar. With a width of pads at 600mm and a weight of 29,520 kg, it's both stable and maneuverable. This 2012 model is an ideal choice for diverse construction needs.



Specifications

Year	2012
Hours	9816
Weight	29.520 kg
Serial number	CAT0329EPRLD00233
Reference	214404

Features

Engine brand and model	Caterpillar C7.1
Engine power in kW	161kW
EPA	EPA
Sticker not complete readable	
CE	✓
Air conditioning	✓
Width of the pads	600mm
Boom	Mono boom
Length of the mono boom	6.20m
Length of the stick	2.65m
Bucket	New digging bucket with teeth
Width of the bucket	1.40m
Piped	Piped for hammer, shear and clamp
AM/FM Radio	✓
Hours	Hours certified by Caterpillar
Overall condition	In 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	★★★★★
Cracks or welds	No

Engine Details And Condition

Engine number	C7R02334
EPA sticker available	Yes
Not complete readable	
Air cleaner	Clean
Anti-freeze level °C	-35°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	★★★★★

Undercarriage Left In Life In %

Overall condition	60%
Chains	70%
Bushings	60%
Sprockets	30%
Idlers	60%
Bottom rollers	40%
Top rollers	80%
Track pads	50%

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
Interior lights	Working
Cabin floor	★★★★★
Interior roof	★★★★★
Seat	★★★★★

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	★★★★★
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	Few lights don't work



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