

INSPECTION REPORT

CATERPILLAR 320E L

The Caterpillar 320E L is a robust tracked excavator, model year 2013, originating from Japan. It operates with a powerful Caterpillar C6.6 engine delivering 113 kW. The machine is well-equipped with an EPA and CE compliance, features air conditioning, and a backup camera to ensure safe operation. It includes a mono boom with a length of 5.70m and a stick of 2.90m, supported by a new 1.20m wide digging bucket with teeth. The excavator is piped for a hammer and comes with a burst valve on the lift and stick cylinder, AM/FM radio, and has been certified for hours by Caterpillar. Its overall condition is very good and clean.



Specifications

Year	2013
Hours	11104
Weight	22.400 kg
Serial number	CAT0320EKNZ00798
Reference	214599

Features

Engine brand and model	Caterpillar C6.6
Engine power in kW	113 kW
EPA	EPA
CE	✓
Air conditioning	✓
Width of the pads	600mm
Boom	Mono boom
Length of the mono boom	5.70m
Length of the stick	2.90m
Bucket	New digging bucket with teeth
Width of the bucket	1.20m
Piped	Piped for hammer
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	C8N08752
EPA sticker available	Yes
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	★★★★★
Ad blue	✖

Bucket

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

Undercarriage Left In Life In %

Overall condition	35%
Chains	20%
Bushings	20%
Sprockets	20%
Idlers	70%
Bottom rollers	30%
Top rollers	40%
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	★ ★ ★ ★ ★	
Little play		
Play bucket cylinder	★ ★ ★ ★ ★	
Bucket cylinder leaking		No
Play bucket link	★ ★ ★ ★ ★	
Little play		
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 noise normal		Yes
Hydraulic swivel leaking		No
Operating condition	★ ★ ★ ★ ★	

Electrical, Starting And Charging System

Alternator functioning		Yes
Wiring	★ ★ ★ ★ ★	
Batteries	★ ★ ★ ★ ★	
Starter	★ ★ ★ ★ ★	
Cabin lights working		Yes



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



sales@smitma.com



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