

## INSPECTION REPORT

### CATERPILLAR 320E L

The Caterpillar 320E L is a robust excavator equipped with a powerful Caterpillar C6.6 engine delivering 122kW. It includes advanced features such as air conditioning, central lubrication, and backup camera. The machine is equipped with 600mm wide pads, a mono boom of 5.70m in length, and a stick of 2.95m. It comes with a new 1.17m digging bucket with teeth. Additional features include piped hammer & shear facilities and burst valves on the lift and stick cylinders. Manufactured in 2015, it has 9453 certified hours by Caterpillar and is in good and clean condition.



### Specifications

Year	2015
Hours	9453
Weight	22.400 kg
Serial number	CAT0320EPNAZ02341
Reference	212002

### Features

Engine brand and model	Caterpillar C6.6
Engine power in kW	122kW
CE	✓
Air conditioning	✓
Width of the pads	600mm
Boom	Mono boom
Length of the mono boom	5,70m
Length of the stick	2,95m
Bucket	New digging bucket with teeth
Width of the bucket	1,17
Piped	Piped for hammer & shear
Hours	Hours certified by Caterpillar
Overall condition	In good and 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	★★★★★
Cracks or welds	No

## Engine Details And Condition

Engine number	C8N26519
Arrangement number	454-5774
EPA sticker available	No
Air cleaner	Clean
Anti-freeze level °C	-26°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	40%
Chains	30%
Bushings	10%
Sprockets	40%
Idlers	60%
Bottom rollers	60%
Top rollers	40%
Track pads	50%

## Safety Items

Seat belt	Available
Horn	Working

## Operator Station

Hourmeter	Working, hours certified by Caterpillar
Switches	★★★★★
Display	★★★★★
Warning	No warnings available
Mirrors	Not broken
Windshield wipers	Working
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	★★★★★
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
Additional work lights working	Few lights don't work

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