SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

JCB 3CX P21

The JCB 3CX P21 is a versatile and powerful backhoe loader designed to handle a variety of tasks. It features a JCB 444 TA4i engine with 68kW power, ensuring reliable performance for heavy-duty operations. The machine is fully CE and EPA certified, with an EROPS cabin for operator safety and comfort. This model comes equipped with both front (12.5/80 - 18) and rear (18.4 - 26) tires, a 4/1 bucket, and an extended hoe for enhanced versatility. Its hydraulic quick release and piped hammer provide seamless operation in demanding environments. With a weight of 8175 kg and dimensions of 6.20 x 2.40 x 3.60 m, it is well-suited for transportation and storage. Additional features include a backup alarm, immobilizer, beacon, and stabilizers, making it an all-in-one solution for construction and excavation.



Specifications

Year	2015
Hours	3326
Weight	8175 kg
Serial number	JCB3CX4TT02272105
Reference	180871

Features

Engine	JCB 444 TA4i-68 B1,
Engine power	68kW,
EPA	✓
CE	✓
Backhoe bucket	Digging bucket with edge

General Appearance

Stamped serial number checked	Yes
Serial number plate checked	Yes
Paint	★★★☆☆
Decals	★★★☆☆
Bonnet	★★★☆☆
Chassis	★★★☆☆
Steps/ladders	★★★☆☆
Grab irons	★★★☆☆
Cabin	★★★☆☆
Toolbox	★★★☆☆

Engine Details And Condition

Engine number	SH320/40597U1431514
Air cleaner	Clean
Anti-freeze level °C	- 25
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	★★★☆☆

Operator Station

Hourmeter	Working
Heater	Working
Gauges	Working
Switches	★★★★☆
Display	★★★★☆
Warning	Warnings available
Mirrors	Not broken
Cabin glass	Not broken
Windshield wipers	Working
Interior lights	Working
Cabin floor	★★★★☆
Interior roof	★★★★☆
Seat	★★★★☆

Front Bucket

Overall condition of the bucket	★★★★☆
Bottom	★★★★☆
Sides	★★★★☆
Cutting edge	★★★★☆

Rear Bucket

Overall condition of the bucket	★★☆☆☆
Bottom	★★☆☆☆
Sides	★★☆☆☆
Cutting edge	★★☆☆☆

Frame

Play loading frame	★★★☆☆
Play bucket pins	★★★☆☆
Cracks or welds	No

Hydraulics

Hydraulic oil level ok	Yes
Hydraulic lines and fittings	★★★☆☆
Hydraulic tank/sight glass and cap	★★★☆☆
Hydraulic valves leaking	No
Noise hydraulic pump normal	Yes
Operating condition hydraulics	★★★☆☆

Brake

Brakelines	★★★☆☆
Service brake operation	★★★☆☆
Parking brake operation	★★★☆☆
Compressor	★★★☆☆

Drive Train/ Transmission

Transmission fully operational in all gears forward and reverse	Yes
Transmission oil level ok	Yes
Transmission noisy	No
Oil level front axle ok	Yes
Oil level rear axle ok	Yes
Oil level front left final drive ok	Yes
Oil level rear left final drive ok	Yes
Oil level rear right final drive ok	Yes
Oil level front right final drive ok	Yes
Drivetrain leaks	No

Electrical, Starting And Charging System

Alternator functioning	Yes
Wiring	★★★☆☆
Batteries	★★★☆☆
Starter	★★★☆☆

Safety Items

Backup alarm	Working
Seat belt	Available
Horn	Working
Beacon	Working

Tyres

Front Left

Percentage life remaining	50%

Rear Left

Percentage life remaining	40%

Rear Right

Percentage life remaining	30%

Front Right

Percentage life remaining	60%

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