SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

LIEBHERR TA230

The Liebherr TA230 is a powerful articulated dumper, equipped with a Liebherr D956 A7-05 engine providing 265kW of power. This model includes features such as air conditioning, an EROPS cabin, and a 6x6 configuration for enhanced maneuverability. It boasts a retarder, heated body, and large tailgate for efficient operation. With a central lubrication system, backup camera, and alarm, it ensures both functionality and safety. The machine is in excellent working condition, having genuine operational hours, and has been meticulously maintained.



Specifications

Year	2021
Hours	5530
Weight	26.300 kg
Serial number	WLHZ1513PZK134516
Reference	214482

Features

Engine	Liebherr
Engine model	D956 A7-05
Engine power	265kW
CE	✓
Air conditioning	✓
Configuration	6x6
Erops cabin	✓
Retarder	✓
Heated body	✓
Tailgate	Big tailgate
Backup camera	✓
Backup alarm	✓
Beacon	✓
Hours	Genuine hours
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	★★★★☆
Decals	★★★★☆
Bonnet	★★★★☆
Chassis	★★★★☆
Steps/ladders	★★★★☆
Grab irons	★★★★☆
Cabin	★★★★☆
Transmission guard	★★★★☆
Pre-cleaner bowl	★★★★☆
Central greasing working	Yes

Engine Details And Condition

Engine number	2021060207
Air cleaner	Clean
Anti-freeze level °C	-39°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
Smoke	Normal
Engine leaks	No
Belts and pulleys	★★★★☆
Fan	★★★★☆
Radiator	★★★★☆

Operator Station

Hourmeter	Working
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	★★★★☆

Frame

Play front suspension frame	★★★★☆
Play middle suspension frame	★★★★☆
Play rear suspension frame	★★★★☆
Play articulation point	★★★★☆
Shock absorbers articulation point	★★★★☆
Play body tipping pin	★★★★☆
Bearings tipping cylinders	★★★★☆
Shock absorbers body	★★★★☆
Play rear equalizer	★★★★☆
Shock absorbers equalizer	★★★★☆
Cracks or welds	No

Body

Condition outside body	★★★★☆
Body plates	★★★★☆
Body heating system	★★★★☆
Condition tailgate	★★★☆☆
Cracks or welds	Yes

Tailgate has been restored.

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	★★★★☆
Brake pedal	★★★★☆

Drive Train/ Transmission

Transmission fully operational in all gears forward and reverse	Yes
Transmission oil level ok	Yes
Transfer gear box oil level ok	Yes
Transmission noisy	No
Differential lock/unlock working	Yes
Oil level front axle ok	Yes
Oil level middle axle ok	Yes
Oil level rear axle ok	Yes
Drive chain leaks	No

Electrical, Starting And Charging System

Alternator functioning	Yes
Wiring	★★★★☆
Batteries	★★★★☆
Starter	★★★★☆
Cabin lights working	Yes
Tail lights working	Yes
Additional work lights working	Yes

Safety Items

Backup alarm	Working
Backup camera	Working
Seat belt	Available
Horn	Working
Beacon	Working

Tyres

Front Left

Tread dept in mm	36mm
Percentage life remaining	75%
Retreaded	No

Middle Left

Tread dept in mm	25mm
Percentage life remaining	60%
Retreaded	No

Rear Left

Tread dept in mm	25mm
Percentage life remaining	60%
Retreaded	No

Rear Right

Tread dept in mm	42mm
Percentage life remaining	90%
Retreaded	No

Middle Right

Tread dept in mm	25mm
Percentage life remaining	60%
Retreaded	No

Front Right

Tread dept in mm	36mm
Percentage life remaining	75%
Retreaded	No

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