SMITMA
HEAVY EQUIPMENT

INSPECTION REPORT

LIEBHERR R914C HD-SL

The Liebherr R914C HD-SL is a robust excavator designed for efficiency on the most demanding sites. Built in 2008, this machine features the powerful Liebherr D934 engine with 115 kW output, meeting both EPA and CE standards. It is equipped with air conditioning, central lubrication, and a mono boom for enhanced functionality. The machine is piped for hammer and shear and includes burst valves on the lift cylinder. Weighing 24,000 kg, it has dimensions of 9.35 x 2.85 x 3.40 meters. Despite having 11,857 hours of operation, it remains in good and clean condition, showcasing reliable performance for your construction needs.



Specifications

Year	2008
Hours	11857
Weight	24000
Serial number	WLHZ1063TZC024232
Reference	182263

Features

Engine brand and model	Liebherr D934,
Engine power in kW	115kW,
EPA	true
CE	✓
Air conditioning	✓
Width of the pads	600mm,
Boom	Mono boom
Piped	Piped for hammer & shear
Overall condition	In good and clean condition.

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	★★★☆☆
Central greasing working	Yes
Not connected everywhere	
Cracks or welds	No

Engine Details And Condition

Engine number	2008 03 2746
Air cleaner	Clean
Anti-freeze level °C	- 41
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	★★★☆☆

Undercarriage Left In Life In %

Overall condition	50% good
Chains	70%
Bushings	70%
Sprockets	60%
Idlers	60%
Bottom rollers	10%
Top rollers	40%
Track pads	60%

Operator Station

Hourmeter	Working
Gauges	Working
Switches	★★★☆☆
Display	★★★☆☆
Warning	No warnings available
Cabin glass	Small crack, no need to repair
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 noice 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 sales@smitma.com +31 (0) 77 3999 840