

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LTM1250-5.1088721-RIGHT-4 Axle

Sample No: LH0259131
 Oil Type: LIEBHERR GEAR HYPOID 90 EP



SAMPLE INFORMATION

Sample Number	LH0259131	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
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 T: (757)245-5251
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OIL CONDITION

Visc @ 40°C	cSt	● 103	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 3	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 1154	---	---	---
Copper	ppm	● 47	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 9	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 11	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

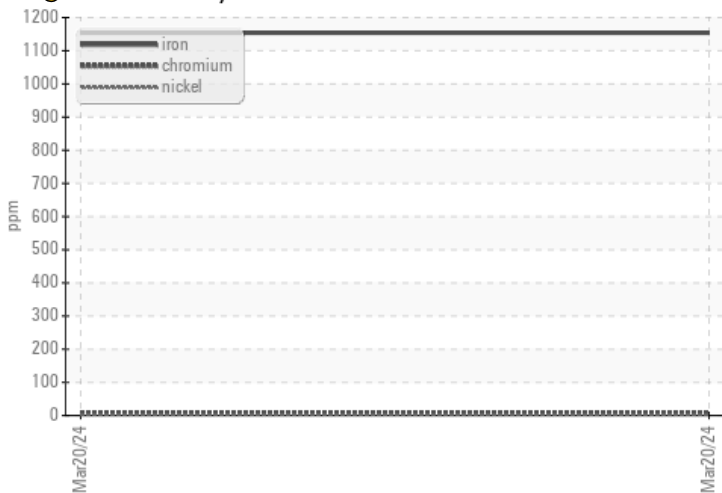
Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 59	---	---	---
Phosphorus	ppm	● 1445	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 165	---	---	---

Depot: LIENEW
 Unique No: 10943009
 Signed: Jonathan Hester
 Report Date: 28 Mar 2024



GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

