

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LTM1250-5.1088721-RIGHT-2 Axle

Sample No: LH0259138

Oil Type: LIEBHERR GEAR HYPOID 90 EP



#### SAMPLE INFORMATION

Sample Number	LH0259138	---	---	---
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  
 Contact: CHRIS JONES  
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 T: (757)245-5251  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 95.5	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	● 703	---	---	---
Copper	ppm	● 115	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● 6	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 9	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 108	---	---	---
Phosphorus	ppm	● 1414	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● 75	---	---	---

#### Diagnosis

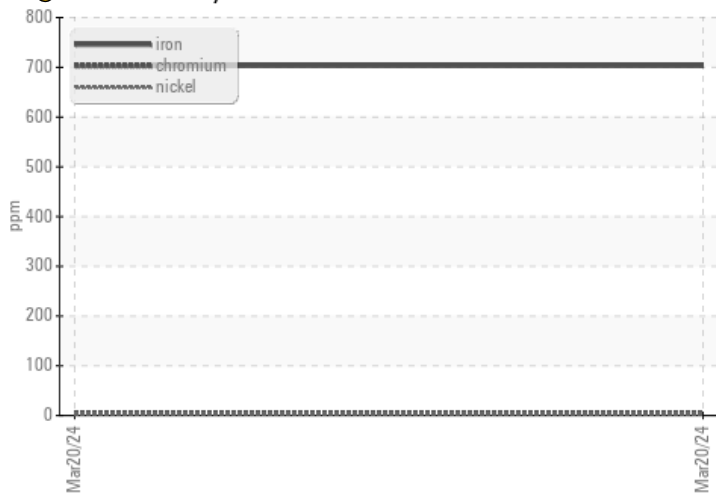
The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIENEW  
 Unique No: 10943012  
 Signed: Jonathan Hester  
 Report Date: 28 Mar 2024

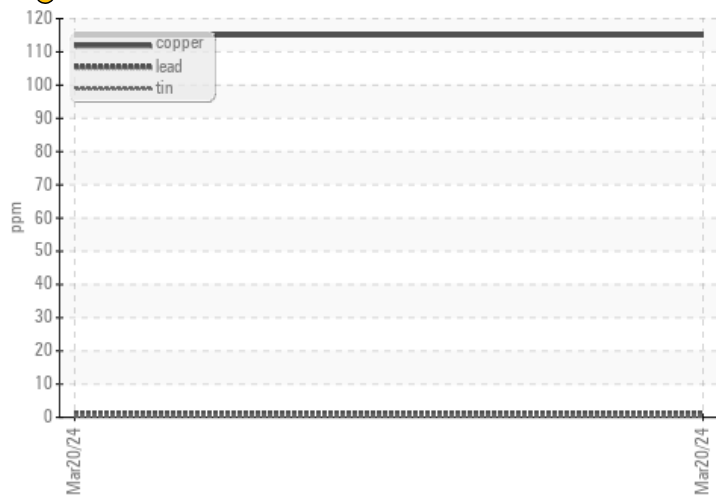


### GRAPHS

#### ● Ferrous Alloys



#### ● Non-ferrous Metals



#### Viscosity @ 40°C

