

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LTM1070-4.2 060759 - Left Wheel Hub

Sample No: LH0259068

Oil Type: EP 90



#### SAMPLE INFORMATION

Sample Number	LH0259068	---	---	---
Sample Date	22 Jan 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: TERENCE VANDERLENDE  
 TERENCE.VANDERLENDE@LIEBHERR.COM  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 144	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 18	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 641	---	---	---
Copper	ppm	● 22	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 5	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	33	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	64	---	---	---
Phosphorus	ppm	627	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

#### Diagnosis

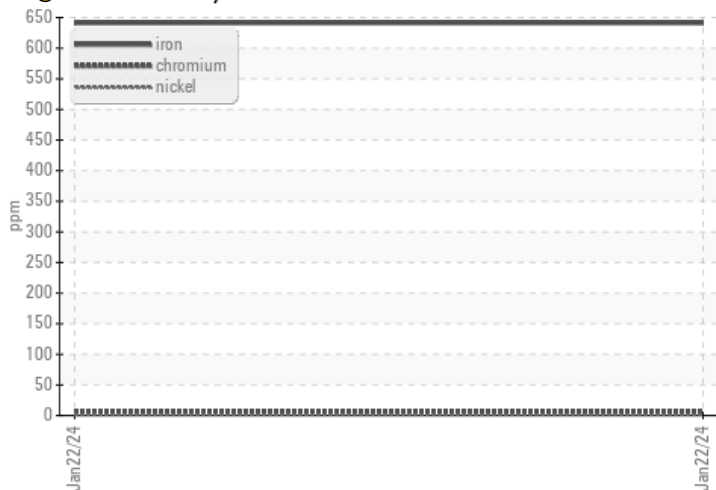
The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIENEW  
 Unique No: 10847905  
 Signed: Don Baldrige  
 Report Date: 29 Jan 2024

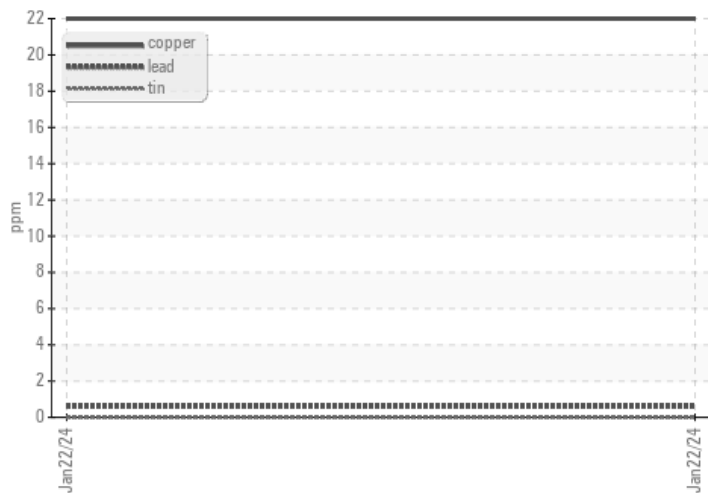


### GRAPHS

#### ● Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

