

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LTM1130-5.1066718 - 4 - Left Wheel Hub

Sample No: LH0259045

Oil Type: EP 90



#### SAMPLE INFORMATION

Sample Number	LH0259045	---	---	---
Sample Date	14 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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	91.7	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. All 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.



#### WEAR METALS

Iron	ppm	136	---	---	---
Copper	ppm	13	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

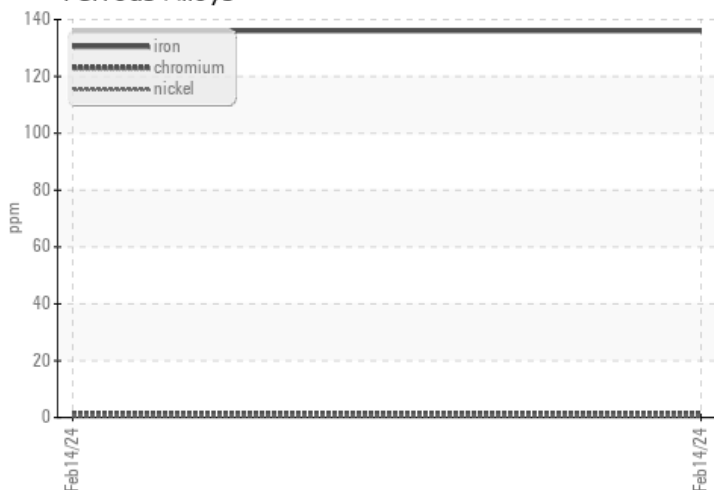
Calcium	ppm	40	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	1066	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	150	---	---	---

Depot: LIENEW  
 Unique No: 10886610  
 Signed: Sean Felton  
 Report Date: 21 Feb 2024

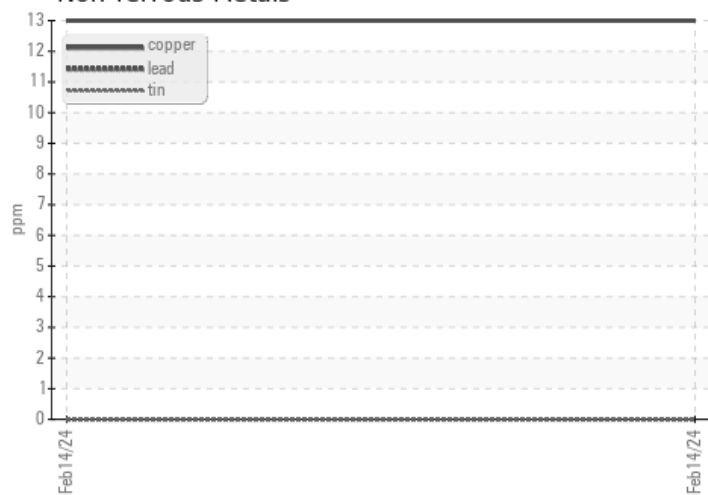


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

