

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LTM1070-4.2 060759 - 1 Differential

Sample No: LH0259060

Oil Type: EP 90



#### SAMPLE INFORMATION

Sample Number	LH0259060	---	---	---
Sample Date	23 Jan 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	● 196	---	---	---
-------------	-----	-------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 0	---	---	---

#### 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	● 38	---	---	---
Copper	ppm	● 9	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

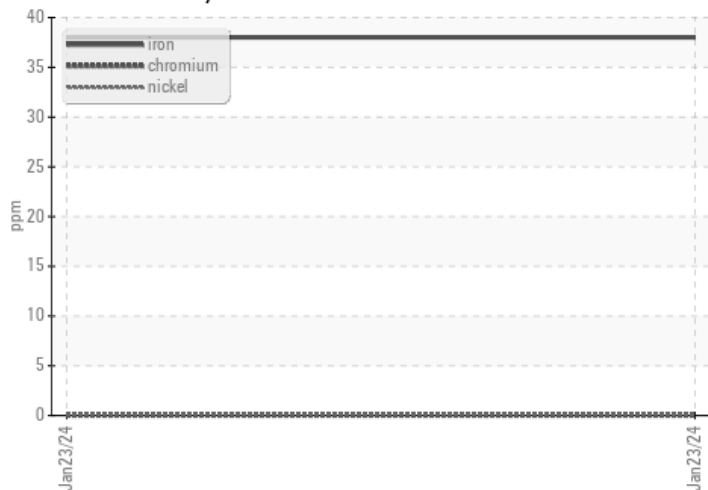
Calcium	ppm	0	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	3	---	---	---
Phosphorus	ppm	1157	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

Depot: LIENEW  
 Unique No: 10847912  
 Signed: Wes Davis  
 Report Date: 26 Jan 2024

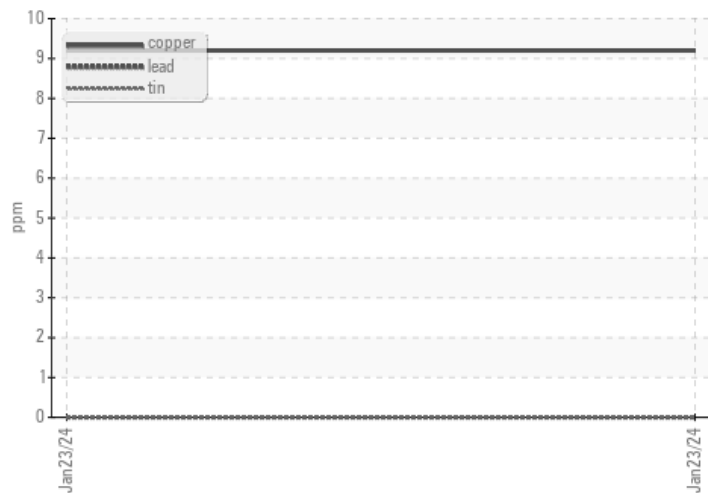


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

