

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LTM1070-4.2 060759 - Left Wheel Hub

Sample No: LH0259065

Oil Type: EP 90



SAMPLE INFORMATION

Sample Number	LH0259065	LH0259068	---	---
Sample Date	23 Jan 2024	23 Jan 2024	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	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	147	144	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	18	---	---
Sodium	ppm	5	6	---	---
Potassium	ppm	<1	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	246	641	---	---
Copper	ppm	23	22	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	2	5	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	6	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

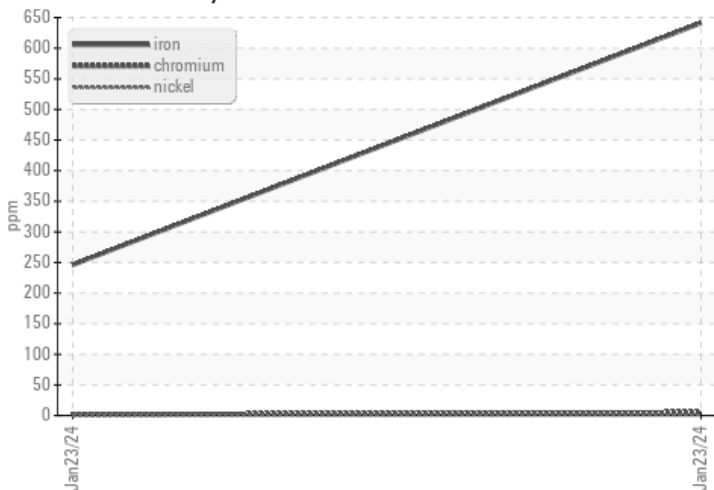
Calcium	ppm	30	33	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	63	64	---	---
Phosphorus	ppm	692	627	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	4	---	---

Depot: LIENEW
 Unique No: 10847908
 Signed: Wes Davis
 Report Date: 26 Jan 2024

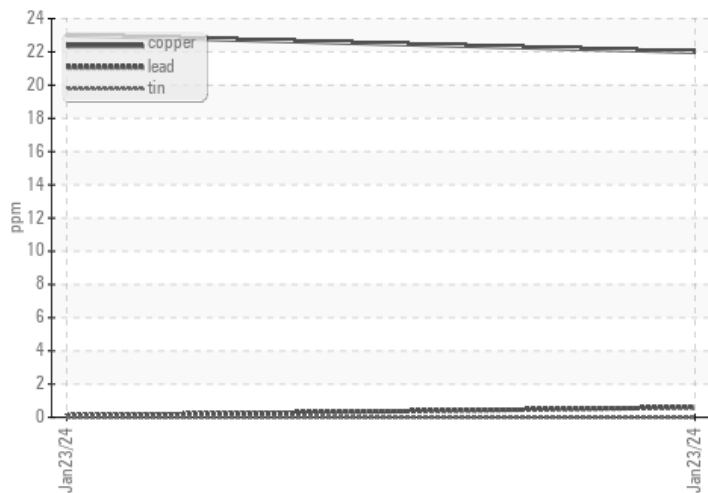


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

