

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LTM1070-4.2 060759 - Right Wheel Hub

Sample No: LH0259061

Oil Type: EP 90



SAMPLE INFORMATION

Sample Number	LH0259061	LH0259067	---	---
Sample Date	23 Jan 2024	22 Jan 2024	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	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	142	148	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	15	---	---
Sodium	ppm	6	8	---	---
Potassium	ppm	1	2	---	---



WEAR METALS

Iron	ppm	604	567	---	---
Copper	ppm	12	18	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	5	5	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	5	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	33	34	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	49	64	---	---
Phosphorus	ppm	606	729	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	1	---	---

Diagnosis

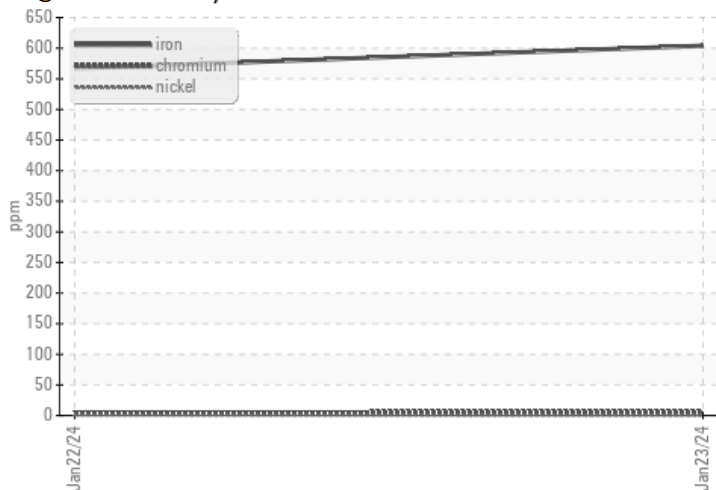
The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil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

Depot: LIENEW
 Unique No: 10847911
 Signed: Don Baldrige
 Report Date: 29 Jan 2024

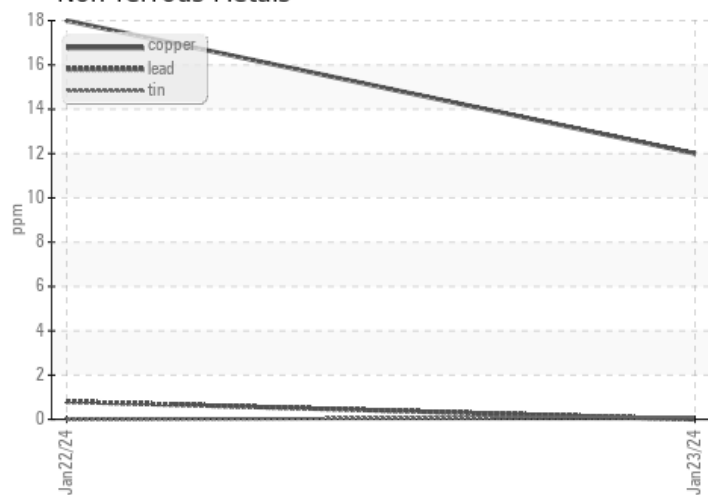


GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

