

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 121879-1217 - Rear Left Wheel Hub

Sample No: LH0273594

Oil Type: LIEBHERR GEAR BASIC 90 LS



**LIEBHERR EQUIPMENT SOURCE**  
 4100 CHESTNUT AVENUE  
 NEWPORT NEWS, VA  
 US 23607  
 Contact: LUKE APPLEBY  
 Lucas.Appleby@liebherr.com  
 T:  
 F: (757)298-8700



#### Sample Information

Sample Number	LH0273594	LH0268864	LH0173637	---
Sample Date	12 Apr 2024	27 Feb 2024	29 Mar 2022	---
Machine Hours	7725	7442	3095	---
Oil Hours	7725	0	2000	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



#### Oil Condition

Visc @ 40°C	cSt	185	185	172	---
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#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	2	---
Sodium	ppm	2	6	5	---
Potassium	ppm	<1	1	2	---



#### Wear Metals

Iron	ppm	17	88	36	---
Copper	ppm	11	74	26	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	2	1	---
Vanadium	ppm	<1	0	0	---



#### Additives

Calcium	ppm	8	10	74	---
Magnesium	ppm	<1	2	0	---
Zinc	ppm	11	43	54	---
Phosphorus	ppm	2125	1331	1375	---
Barium	ppm	40	311	183	---
Boron	ppm	<1	<1	4	---

#### Diagnosis

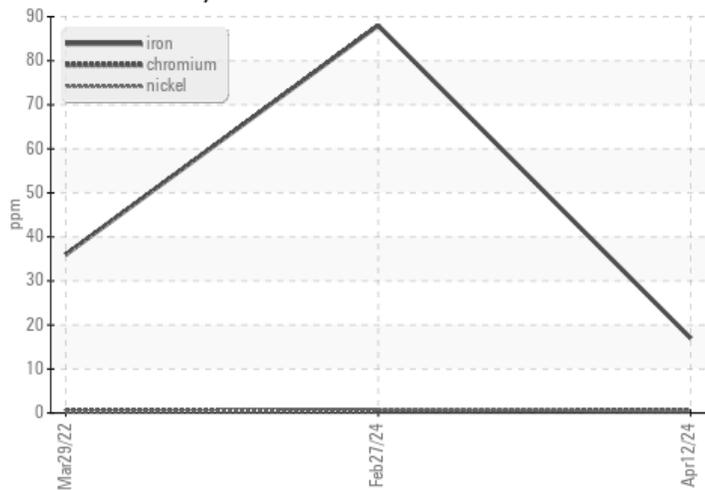
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRUS  
 Unique No: 10994016  
 Signed: Wes Davis  
 Report Date: 25 Apr 2024

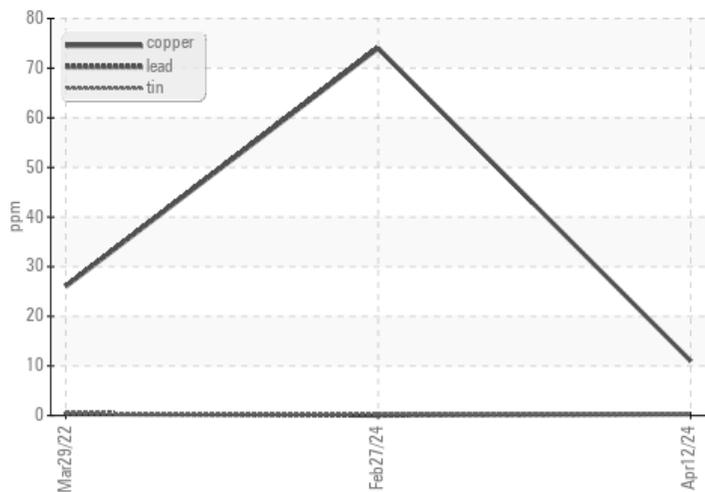


### Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

