

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 107069-1253 - Rear Left Wheel Hub

Sample No: LH0273304

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0273304	LHMC164137	LHMC117743	---
Sample Date	19 Jan 2024	26 Dec 2019	14 Jan 2019	---
Machine Hours	9670	2207	486	---
Oil Hours	0	650	0	---
Oil Changed	Not Chngd	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### MIDWEST IRON

461 HOMESTEAD AVE  
DAYTON, OH  
US 45417  
Contact: SAVANNAH FITE  
sfite@mwmetals.com  
T: (937)222-5992  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	129	134	56.4	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	3	8	---
Sodium	ppm	0	4	18	---
Potassium	ppm	1	2	1	---



#### WEAR METALS

Iron	ppm	22	18	12	---
Copper	ppm	2	3	9	---
Lead	ppm	0	1	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	1	3	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	138	417	3634	---
Magnesium	ppm	2	3	11	---
Zinc	ppm	41	179	1410	---
Phosphorus	ppm	273	551	1133	---
Barium	ppm	5	<1	<1	---
Boron	ppm	7	34	100	---

#### Diagnosis

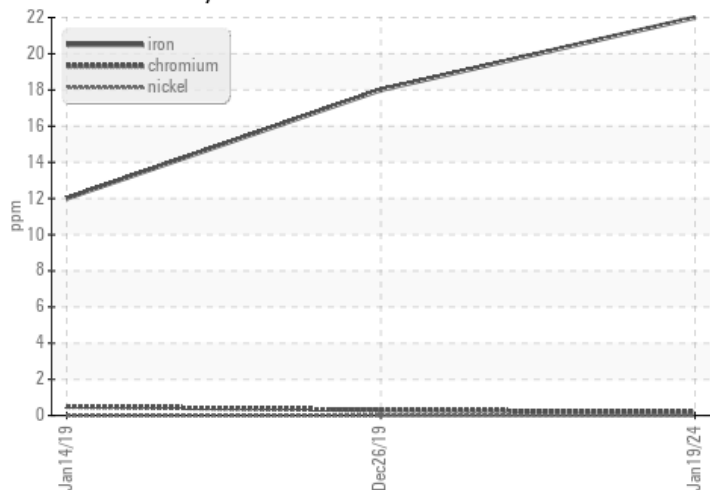
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MIDDAY  
Unique No: 10863774  
Signed: Wes Davis  
Report Date: 07 Feb 2024

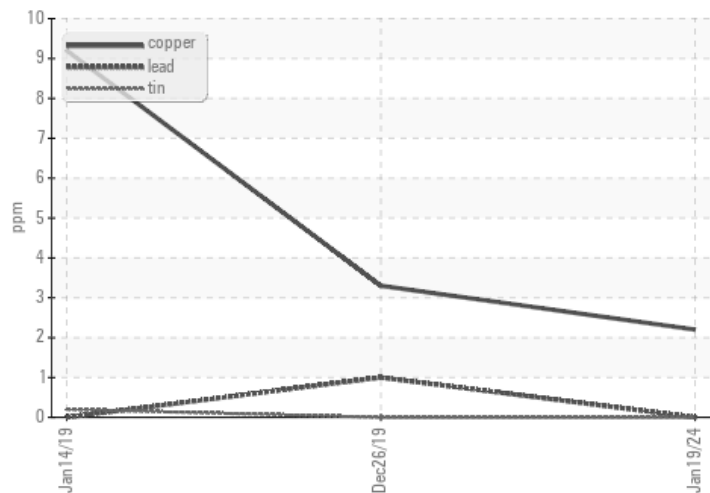


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

