

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 122207-1215 - Rear Left Wheel Hub

Sample No: LH0273219

Oil Type: GEAR OIL SAE 80W90



**RECO EQUIPMENT INC.**  
 1040 REED DRIVE  
 MONROE, OH  
 US 45050  
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#### SAMPLE INFORMATION

Sample Number	LH0273219	LH0244631	---	---
Sample Date	08 Jan 2024	17 May 2023	---	---
Machine Hours	3977	2962	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 189	● 183	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 1	● 2	---	---
Sodium	ppm	● 0	● 5	---	---
Potassium	ppm	● 2	● 1	---	---



#### WEAR METALS

Iron	ppm	● 26	● 31	---	---
Copper	ppm	● 11	● 9	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● <1	● 0	---	---
Aluminum	ppm	● 2	● 0	---	---
Chromium	ppm	● <1	● 0	---	---
Molybdenum	ppm	● <1	0	---	---
Nickel	ppm	● 0	● 0	---	---
Titanium	ppm	● <1	● 0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 12	12	---	---
Magnesium	ppm	● 0	<1	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	● 2295	2435	---	---
Barium	ppm	● 0	0	---	---
Boron	ppm	● 3	<1	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

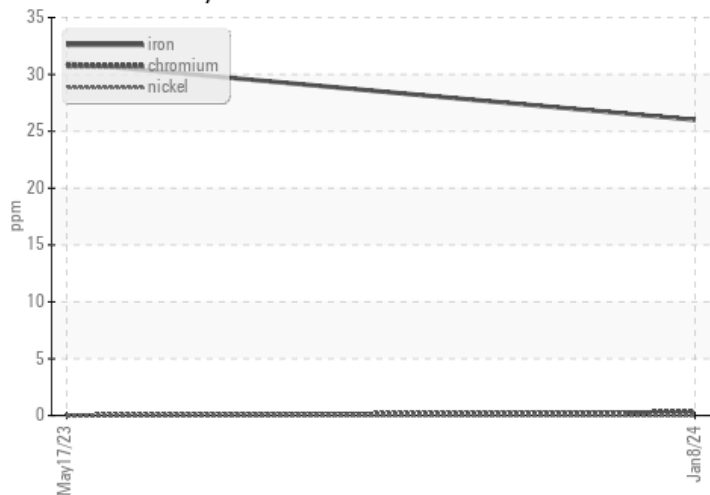
All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0075  
 Unique No: 10832931  
 Signed: Wes Davis  
 Report Date: 17 Jan 2024

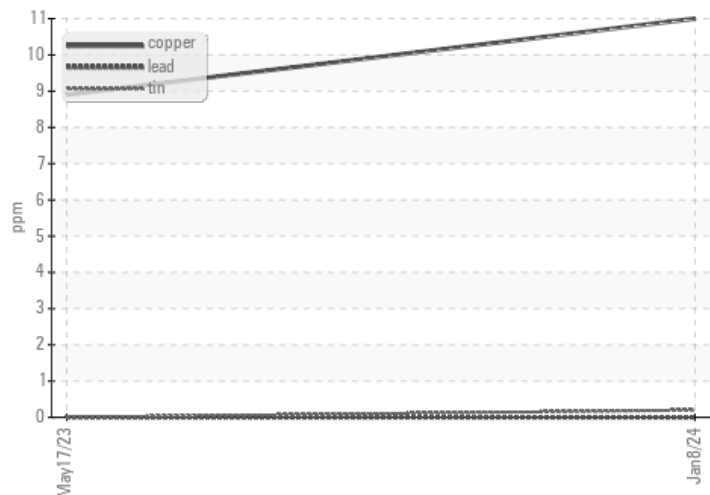


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

