

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 156305-1215 - Rear Right Wheel Hub

Sample No: LH0278478

Oil Type: GEAR OIL SAE 80W90



**Urban Mine**  
72 Rothwell Rd.  
Winnipeg, MB  
CA R3P 2H7  
Contact: SERVICE

T: (204)774-0192  
F:



#### SAMPLE INFORMATION

Sample Number	LH0278478	---	---	---
Sample Date	20 Feb 2024	---	---	---
Machine Hours	536	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 140	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	● 26	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 140	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 22	---	---	---
Phosphorus	ppm	● 1471	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● 10	---	---	---

#### 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:** URBWIN  
**Unique No:** 5734609  
**Signed:** Wes Davis  
**Report Date:** 22 Feb 2024

Submitted By: Vincent Blanchette



### GRAPHS

