

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



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

T: (204)774-0192  
F:

#### 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.



#### Sample Information

Sample Number	LH	LH0278477	---	---
Sample Date	09 May 2024	20 Feb 2024	---	---
Machine Hours	1010	536	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	113	141	---	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	11	28	---	---
Copper	ppm	5	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	35	134	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	14	21	---	---
Phosphorus	ppm	1320	1428	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	240	10	---	---

Depot: URBWIN  
Unique No: 5776556  
Signed: Wes Davis  
Report Date: 14 May 2024

Submitted By: Vincent Blanchette



### Graphs

