

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 156305-1215 - Front 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	LH0278475	---	---
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	126	138	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	6	10	---	---
Sodium	ppm	4	5	---	---
Potassium	ppm	<1	2	---	---



#### Wear Metals

Iron	ppm	30	44	---	---
Copper	ppm	25	23	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	77	137	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	38	43	---	---
Phosphorus	ppm	1376	1403	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	106	4	---	---

Depot: URBWIN  
Unique No: 5776558  
Signed: Wes Davis  
Report Date: 14 May 2024

Submitted By: Vincent Blanchette



### Graphs

