

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 145272-1253 - Rear Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL LS 80W90



#### SAMPLE INFORMATION

Sample Number	LH	LH0250158	LH0250174	---
Sample Date	14 Mar 2024	08 Sep 2023	05 Jun 2023	---
Machine Hours	2004	1004	500	---
Oil Hours	0	0	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### Industrial Metals

550 Messier St.  
Winnipeg, MB  
CA R2J 0G5  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	180	139	65.0	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	8	---
Sodium	ppm	2	11	16	---
Potassium	ppm	2	<1	<1	---

#### 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.



#### WEAR METALS

Iron	ppm	22	19	10	---
Copper	ppm	<1	12	4	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	98	1017	3931	---
Magnesium	ppm	1	4	11	---
Zinc	ppm	28	453	1509	---
Phosphorus	ppm	2382	1992	1293	---
Barium	ppm	0	0	<1	---
Boron	ppm	3	19	104	---

Depot: IND550WIN  
Unique No: 5748256  
Signed: Wes Davis  
Report Date: 19 Mar 2024



### GRAPHS

