

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[20230458]] LIEBHERR LH30M 145272-1253 - Front Right Wheel

Sample No: LH0250156

Oil Type: GEAR OIL LS 80W90



#### SAMPLE INFORMATION

Sample Number	LH0250156	LH0250173	---	---
Sample Date	08 Sep 2023	05 Jun 2023	---	---
Machine Hours	1004	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Industrial Metals

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



#### OIL CONDITION

Visc @ 40°C	cSt	169	64.8	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	2	6	---	---
Sodium	ppm	4	20	---	---
Potassium	ppm	1	<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 LS 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.



#### WEAR METALS

Iron	ppm	9	19	---	---
Copper	ppm	2	28	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	422	3907	---	---
Magnesium	ppm	3	10	---	---
Zinc	ppm	206	1476	---	---
Phosphorus	ppm	2162	1267	---	---
Barium	ppm	0	0	---	---
Boron	ppm	10	101	---	---

Depot: IND550WIN  
Unique No: 5645169  
Signed: Wes Davis  
Report Date: 21 Sep 2023



### GRAPHS

