

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[20230458]] LIEBHERR LH30M 145272-1253 -Rear Differen

Sample No: LH0250160

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0250160	LH0250172	---	---
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	184	64.7	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	2	8	---	---
Sodium	ppm	2	15	---	---
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 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.



#### WEAR METALS

Iron	ppm	4	10	---	---
Copper	ppm	<1	4	---	---
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	0	0	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	195	3779	---	---
Magnesium	ppm	1	11	---	---
Zinc	ppm	88	1426	---	---
Phosphorus	ppm	2272	1224	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	5	99	---	---

Depot: IND550WIN  
Unique No: 5645173  
Signed: Wes Davis  
Report Date: 21 Sep 2023



### GRAPHS

