

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20230458]] LIEBHERR LH30M 145272-1253 - Rear Right Wheel

Sample No: LH0250157

Oil Type: GEAR OIL LS 80W90



SAMPLE INFORMATION

Sample Number	LH0250157	LH0250175	---	---
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	145	62.8	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	2	8	---	---
Sodium	ppm	9	16	---	---
Potassium	ppm	0	<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	22	10	---	---
Copper	ppm	8	4	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	3	---	---
Manganese	ppm	<1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	832	3934	---	---
Magnesium	ppm	3	11	---	---
Zinc	ppm	379	1517	---	---
Phosphorus	ppm	1996	1303	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	15	105	---	---

Depot: IND550WIN
Unique No: 5645170
Signed: Wes Davis
Report Date: 21 Sep 2023



GRAPHS

