

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Front Left Wheel Hub

Sample No: LH0239957

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0239957	LH0241864	---	---
Sample Date	04 Sep 2023	18 Apr 2023	---	---
Machine Hours	2265	1142	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

HUBERT & FILS

474 ROUTE 105
BOIS-FRANC, QC
CA J9E 3A9

Contact: Eric Brisebois
ericbrisebois99@gmail.com

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F:



OIL CONDITION

Visc @ 40°C	cSt	● 182	● 138	---	---
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CONTAMINATION

Silicon	ppm	● 1	● 4	---	---
Sodium	ppm	● 5	● 10	---	---
Potassium	ppm	● 0	● <1	---	---



WEAR METALS

Iron	ppm	● 20	● 23	---	---
Copper	ppm	● 3	● 12	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	114	722	---	---
Magnesium	ppm	● <1	● 2	---	---
Zinc	ppm	36	352	---	---
Phosphorus	ppm	● 2262	● 2142	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	● 5	● 20	---	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: HUBBOI
Unique No: 5659416
Signed: Wes Davis
Report Date: 19 Oct 2023



GRAPHS

