

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353858)] LIEBHERR LH50M 082257-1203 - Front Right Whe

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	LH0209294	---	---
Sample Date	20 Aug 2023	07 Jul 2021	---	---
Machine Hours	0	494	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
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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OIL CONDITION

Visc @ 40°C	cSt	93.7	● 158	---	---
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CONTAMINATION

Silicon	ppm	● 3	● 24	---	---
Sodium	ppm	● 2	● 3	---	---
Potassium	ppm	● 0	● 2	---	---



WEAR METALS

Iron	ppm	● 64	● 70	---	---
Copper	ppm	● 20	● 29	---	---
Lead	ppm	● <1	● 1	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● <1	● 2	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 4	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● <1	● 3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 12	● 122	---	---
Magnesium	ppm	● <1	● 2	---	---
Zinc	ppm	● 19	● 55	---	---
Phosphorus	ppm	● 1048	● 1591	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 144	● 4	---	---

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.

Depot: HUBBOI
Unique No: 5659438
Signed: Wes Davis
Report Date: 19 Oct 2023



GRAPHS

