

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Front Differential

Sample No: LH0239950

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0239950	LH0241857	LH0241857	---
Sample Date	04 Sep 2023	07 Jun 2023	18 Apr 2023	---
Machine Hours	2265	1668	1142	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HUBERT & FILS

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

Contact: Eric Brisebois
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OIL CONDITION

Visc @ 40°C	cSt	179	188	92.7	---
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CONTAMINATION

Silicon	ppm	<1	2	<1	---
Sodium	ppm	1	1	<1	---
Potassium	ppm	0	0	<1	---



WEAR METALS

Iron	ppm	5	6	3	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	8	20	65	---
Magnesium	ppm	0	1	0	---
Zinc	ppm	6	10	77	---
Phosphorus	ppm	2290	2391	1074	---
Barium	ppm	<1	0	0	---
Boron	ppm	2	7	140	---

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: 5659441

Signed: Wes Davis

Report Date: 19 Oct 2023



GRAPHS

