

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Rear Differential

Sample No: LH0241858

Oil Type: LIEBHERR GEAR BASIC 90 LS



HUBERT & FILS

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

Contact: Eric Brisebois
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SAMPLE INFORMATION

Sample Number	LH0241858	LH0241858	---	---
Sample Date	07 Jun 2023	18 Apr 2023	---	---
Machine Hours	1668	1142	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	175	99.9	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	7	3	---	---
Copper	ppm	<1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	97	160	---	---
Magnesium	ppm	1	<1	---	---
Zinc	ppm	31	156	---	---
Phosphorus	ppm	2255	1302	---	---
Barium	ppm	0	0	---	---
Boron	ppm	17	102	---	---

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: 5607766
Signed: Wes Davis
Report Date: 18 Jul 2023



GRAPHS

