

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Splitter Box

Sample No: LH0239954

Oil Type: LIEBHERR GEAR BASIC 90 LS



HUBERT & FILS

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

Contact: Eric Brisebois
ericbrisebois99@gmail.com

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F:



SAMPLE INFORMATION

Sample Number	LH0239954	LH0241861	---	---
Sample Date	04 Sep 2023	07 Jun 2023	---	---
Machine Hours	2265	1668	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 152	● 125	---	---
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CONTAMINATION

Silicon	ppm	● 2	● 4	---	---
Sodium	ppm	● 2	● 3	---	---
Potassium	ppm	● <1	● 2	---	---



WEAR METALS

Iron	ppm	● 28	● 63	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 0	● 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 9	● 16	---	---
Magnesium	ppm	● <1	● 2	---	---
Zinc	ppm	● 18	● 28	---	---
Phosphorus	ppm	● 1888	1407	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	● 24	60	---	---

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: 5659414
Signed: Wes Davis
Report Date: 19 Oct 2023



GRAPHS

