

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139284-1253 - Splitter Box

Sample No: LH0241873

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0241873	LH0239954	LH0241861	---
Sample Date	31 Oct 2023	04 Sep 2023	07 Jun 2023	---
Machine Hours	2739	2265	1668	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	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	167	152	125	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	4	---
Sodium	ppm	2	2	3	---
Potassium	ppm	0	<1	2	---

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.



WEAR METALS

Iron	ppm	15	28	63	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	10	9	16	---
Magnesium	ppm	<1	<1	2	---
Zinc	ppm	15	18	28	---
Phosphorus	ppm	2105	1888	1407	---
Barium	ppm	0	<1	0	---
Boron	ppm	13	24	60	---

Depot: HUBBOI

Unique No: 5710194

Signed: Kevin Marson

Report Date: 16 Jan 2024



GRAPHS

