

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(366422)] LIEBHERR LH30M 135772-1253 - Transmission (M)

Sample No: LH0223394

Oil Type: SHELL ROTELLA T6 0W40



### Sample Information

Sample Number	LH0223394	LH	---	---
Sample Date	12 Jul 2024	03 May 2024	---	---
Machine Hours	7083	6597	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

HUBERT & FILS

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

Contact: Eric Brisebois  
ericbrisebois99@gmail.com

T:  
F:



### Oil Condition

Visc @ 40°C	cSt	48.2	40.4	---	---
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### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	12	24	---	---
Sodium	ppm	8	8	---	---
Potassium	ppm	6	4	---	---



### Wear Metals

Iron	ppm	153	113	---	---
Copper	ppm	351	53	---	---
Lead	ppm	10	<1	---	---
Tin	ppm	2	1	---	---
Aluminum	ppm	3	2	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	8	---	---
Vanadium	ppm	0	0	---	---



### Additives

Calcium	ppm	2039	2182	---	---
Magnesium	ppm	27	54	---	---
Zinc	ppm	830	1093	---	---
Phosphorus	ppm	1045	1049	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	62	122	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Copper ppm levels are abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: HUBBOI  
Unique No: 5814271  
Signed: Kevin Marson  
Report Date: 19 Jul 2024



### Graphs

