

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 132404-1216 - Transmission (Manual)

Sample No: LH

Oil Type: SHELL ROTELLA T SB 0W40



HUBERT & FILS

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

Contact: Eric Brisebois
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F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	15 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	48.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	7	---	---	---



WEAR METALS

Iron	ppm	22	---	---	---
Copper	ppm	19	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	2028	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1069	---	---	---
Phosphorus	ppm	1040	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	64	---	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: HUBBOI
Unique No: 5750446
Signed: Kevin Marson
Report Date: 01 Apr 2024



GRAPHS

