

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 132404-1216 - Transmission (Manual)

Sample No: LH0283326

Oil Type: SHELL ROTELLA T6 0W40



HUBERT & FILS

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

Contact: Eric Brisebois
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Sample Information

Sample Number	LH0283326	LH	---	---
Sample Date	29 Mar 2024	15 Mar 2024	---	---
Machine Hours	1174	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	79.5	48.9	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	4	5	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	8	7	---	---



Wear Metals

Iron	ppm	2	22	---	---
Copper	ppm	6	19	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	3	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	2	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	2026	2028	---	---
Magnesium	ppm	24	18	---	---
Zinc	ppm	1100	1069	---	---
Phosphorus	ppm	941	1040	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	37	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. The condition of the fluid is acceptable for the time in service.

Depot: HUBBOI
Unique No: 5761050
Signed: Kevin Marson
Report Date: 10 Apr 2024



Graphs

