

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353859)] LIEBHERR LH50M 132600-1216 - Transmission (Mc

Sample No: LH0223402

Oil Type: SAE 0W40



Sample Information

Sample Number	LH0223402	LH	LH0209351	---
Sample Date	28 Jun 2024	19 Apr 2024	20 Jan 2022	---
Machine Hours	14883	14280	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	N/A	---
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	47.0	42.9	49.4	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	12	4	---
Sodium	ppm	2	2	21	---
Potassium	ppm	7	7	3	---



Wear Metals

Iron	ppm	24	30	39	---
Copper	ppm	15	18	60	---
Lead	ppm	0	0	2	---
Tin	ppm	<1	<1	2	---
Aluminum	ppm	1	1	3	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	1	0	27	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	2	27	---
Vanadium	ppm	0	0	<1	---



Additives

Calcium	ppm	2017	2225	2219	---
Magnesium	ppm	13	21	446	---
Zinc	ppm	1085	1160	1140	---
Phosphorus	ppm	1026	1088	1143	---
Barium	ppm	<1	0	<1	---
Boron	ppm	49	62	4	---

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 fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The condition of the fluid is acceptable for the time in service.

Depot: HUBBOI
Unique No: 5814273
Signed: Kevin Marson
Report Date: 19 Jul 2024



Graphs

