

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 138820-1216 - Transmission (Manual)

Sample No: LH

Oil Type: TDTO FLUID SAE 10W



#### SAMPLE INFORMATION

Sample Number	LH	LH0260711	LH	---
Sample Date	11 Dec 2023	26 May 2023	26 Mar 2023	---
Machine Hours	2140	950	524	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	ATTENTION	NORMAL	---

D.P. Metal Inc.

373A Chemin Grande-Ligne

Saint-Urbain Premier, QC

CA J0S 1Y0

Contact: Service .



#### OIL CONDITION

Visc @ 40°C	cSt	53.6	53.0	50.0	---
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T: (450)427-0506

F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	4	4	---
Sodium	ppm	16	26	42	---
Potassium	ppm	<1	2	3	---

#### 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.



#### WEAR METALS

Iron	ppm	19	11	20	---
Copper	ppm	11	11	15	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	3	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	44	24	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	4	6	9	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIVES

Calcium	ppm	1738	2329	3567	---
Magnesium	ppm	749	449	8	---
Zinc	ppm	1207	1145	1143	---
Phosphorus	ppm	1071	1156	1175	---
Barium	ppm	<1	<1	1	---
Boron	ppm	29	28	3	---

Depot: DPMSAI

Unique No: 5696975

Signed: Kevin Marson

Report Date: 18 Dec 2023



### GRAPHS

