

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(366972)] LIEBHERR LH50M 134369-1216 - Transmission (M

Sample No: LH

Oil Type: TDTO FLUID SAE 10W



9192-2443 QUEBEC INC. EQUIPEMENT REBP  
175 PORTAGE DES MOUSSES  
PORT CARTIER, QC  
CA G5B 2V9  
Contact: Service Manager



### Sample Information

Sample Number	LH	LH	LH0223633	---
Sample Date	14 Jul 2024	25 Mar 2023	14 Sep 2022	---
Machine Hours	0	1905	861	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	MARGINAL	NORMAL	NORMAL	---



### Oil Condition

Visc @ 40°C	cSt	47.3	51.4	48.6	---
Acid Number (AN)	mg KOH/g	1.17	---	---	---

T:  
F:



### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	5	3	---
Sodium	ppm	15	25	43	---
Potassium	ppm	1	2	3	---

### Diagnosis

We advise that you check for visible metal particles in the fluid. We recommend an early resample to monitor this condition. Light concentration of visible metal present. All other component wear rates are normal. There is no indication of any contamination in the fluid. The AN level is acceptable for this fluid.



### Wear Metals

PQ		0	---	---	---
Iron	ppm	24	23	14	---
Copper	ppm	23	21	24	---
Lead	ppm	<1	<1	2	---
Tin	ppm	<1	1	<1	---
Aluminum	ppm	3	4	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	50	33	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	9	21	20	---
Vanadium	ppm	0	<1	<1	---



### Additives

Calcium	ppm	1519	2218	3467	---
Magnesium	ppm	493	509	8	---
Zinc	ppm	917	1182	1141	---
Phosphorus	ppm	845	1175	1141	---
Barium	ppm	1	2	3	---
Boron	ppm	78	4	4	---

Depot: 919POR  
Unique No: 5813424  
Signed: Kevin Marson  
Report Date: 17 Jul 2024



### Graphs

