

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[KIMMEL]] LIEBHERR LH50M 1216-117 615 - Transmission

Sample No: LH06073407

Oil Type: {unknown}



**RECO EQUIPMENT INC**  
 10461 GRAND RIVER RD  
 BRIGHTON, MI  
 US 48116  
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#### SAMPLE INFORMATION

Sample Number	LH06073407	LHMC165186	LHMC131810	---
Sample Date	28 Jan 2024	21 Jun 2021	04 Dec 2020	---
Machine Hours	1216	3193	2028	---
Oil Hours	0	0	860	---
Oil Changed	N/A	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	62.8	49.6	44.9	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	5	2	---
Sodium	ppm	4	23	37	---
Potassium	ppm	3	8	10	---



#### WEAR METALS

Iron	ppm	37	34	34	---
Copper	ppm	38	54	58	---
Lead	ppm	0	1	<1	---
Tin	ppm	2	3	1	---
Aluminum	ppm	2	4	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	28	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	<1	<1	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	21	22	23	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIVES

Calcium	ppm	1471	3809	3246	---
Magnesium	ppm	706	18	8	---
Zinc	ppm	877	1177	1113	---
Phosphorus	ppm	790	1152	1076	---
Barium	ppm	<1	0	<1	---
Boron	ppm	171	173	11	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: RECBRLH  
 Unique No: 10850084  
 Signed: Don Baldrige  
 Report Date: 31 Jan 2024



### GRAPHS

