

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 139284-1253 - Transmission (Manual)

Sample No: LH0241887

Oil Type: SAE 15W40



**HUBERT & FILS**  
 474 ROUTE 105  
 BOIS-FRANC, QC  
 CA J9E 3A9  
 Contact: Eric Brisebois  
 ericbrisebois99@gmail.com  
 T:  
 F:



#### Sample Information

Sample Number	LH0241887	LH0241911	LH0241899	---
Sample Date	16 Jul 2024	01 Apr 2024	01 Mar 2024	---
Machine Hours	5043	4150	3900	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	SEVERE	---



#### Oil Condition

Visc @ 40°C	cSt	65.4	67.2	55.3	---
-------------	-----	------	------	------	-----



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	4	3	---
Sodium	ppm	3	3	4	---
Potassium	ppm	6	5	5	---



#### Wear Metals

Iron	ppm	10	10	13	---
Copper	ppm	4	4	6	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	1	1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	2	2	3	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	15	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	1989	2012	2069	---
Magnesium	ppm	25	31	42	---
Zinc	ppm	1055	1085	1070	---
Phosphorus	ppm	979	950	959	---
Barium	ppm	0	0	<1	---
Boron	ppm	165	170	167	---

#### 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: 5814274  
 Signed: Kevin Marson  
 Report Date: 19 Jul 2024



### Graphs

