

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 135986 - Transmission (Manual)

Sample No: LH

Oil Type: TDTO FLUID SAE 20



#### Sample Information

Sample Number	LH	LH0278482	LH0265904	---
Sample Date	04 Jul 2024	22 Dec 2023	23 Mar 2023	---
Machine Hours	5083	3966	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### Industrial Metals

550 Messier St.  
Winnipeg, MB  
CA R2J 0G5  
Contact: Service Manager



#### Oil Condition

Visc @ 40°C	cSt	56.2	58.9	59.5	---
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	3	4	---
Sodium	ppm	8	11	18	---
Potassium	ppm	<1	0	2	---

#### 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	10	14	16	---
Copper	ppm	12	19	24	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	1	---
Aluminum	ppm	1	3	3	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	51	43	27	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	6	13	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	1295	1649	2008	---
Magnesium	ppm	841	668	418	---
Zinc	ppm	1193	1176	1177	---
Phosphorus	ppm	1116	1107	1139	---
Barium	ppm	<1	0	<1	---
Boron	ppm	38	17	29	---

Depot: IND550WIN  
Unique No: 5814278  
Signed: Kevin Marson  
Report Date: 19 Jul 2024



### Graphs

