

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[02625391]] LIEBHERR LH30M 139284-1253 - Transmission (I

Sample No: LH0241911

Oil Type: SHELL ROTELLA T6 0W40



#### Sample Information

Sample Number	LH0241911	LH0241899	LH0241875	LH0241863
Sample Date	01 Apr 2024	01 Mar 2024	31 Oct 2023	07 Jun 2023
Machine Hours	4150	3900	2739	1668
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	SEVERE	NORMAL	NORMAL

HUBERT & FILS

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

Contact: Eric Brisebois  
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T:  
F:



#### Oil Condition

Visc @ 40°C	cSt	67.2	55.3	62.9	51.4



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	7
Sodium	ppm	3	4	5	14
Potassium	ppm	5	5	5	5



#### Wear Metals

Iron	ppm	10	13	15	23
Copper	ppm	4	6	9	17
Lead	ppm	0	0	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	1	1	1	3
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	2	3	4	18
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	0	15	0	<1
Manganese	ppm	2	2	4	13
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	2012	2069	2093	2324
Magnesium	ppm	31	42	15	13
Zinc	ppm	1085	1070	1043	1024
Phosphorus	ppm	950	959	977	990
Barium	ppm	0	<1	0	<1
Boron	ppm	170	167	154	136

#### 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. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: HUBBOI  
Unique No: 5761051  
Signed: Kevin Marson  
Report Date: 10 Apr 2024



### Graphs

