

LIEBHERR

CONSTRUCTION EQUIPMENT



[(346464)] LIEBHERR LH30M 124535-1253 - Transmission

Sample No: LH0286592

Oil Type: {unknown}



JOHN ROSS & SONS LTD.
 85 GLASSY AVENUE
 TRURO, NS
 CA B2N 6Z1
 Contact: Service Manager

T:
 F:



Sample Information

Sample Number	LH0286592	LH0269639	LH0224224	---
Sample Date	16 Mar 2024	18 Oct 2023	04 Apr 2022	---
Machine Hours	6121	5046	2025	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	73.8	63.5	58.8	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	3	4	---
Sodium	ppm	10	18	26	---
Potassium	ppm	1	<1	3	---



Wear Metals

Iron	ppm	9	16	19	---
Copper	ppm	17	33	28	---
Lead	ppm	0	1	1	---
Tin	ppm	<1	<1	2	---
Aluminum	ppm	1	2	2	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	47	37	22	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	8	18	33	---
Vanadium	ppm	0	0	<1	---



Additives

Calcium	ppm	1546	1924	2401	---
Magnesium	ppm	793	596	378	---
Zinc	ppm	1181	1159	1164	---
Phosphorus	ppm	1059	1072	1142	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	5	8	12	---

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: JOHTRU
 Unique No: 5760165
 Signed: Kevin Marson
 Report Date: 08 Apr 2024



Graphs

