

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(346464)] LIEBHERR LH30M 124535-1253 - Front Left Wheel

Sample No: LH0286588

Oil Type: GEAR OIL SAE 75W90



#### Sample Information

Sample Number	LH0286588	LH0269640	LH0224221	LH0194914
Sample Date	16 Mar 2024	18 Oct 2023	04 Apr 2022	03 Oct 2021
Machine Hours	6121	5046	2025	1068
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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



#### Oil Condition

Visc @ 40°C	cSt	103	102	86.2	55.3
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	0	<1	3	5
Sodium	ppm	2	4	9	22
Potassium	ppm	<1	0	1	1

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### Wear Metals

Iron	ppm	16	13	23	13
Copper	ppm	3	6	6	10
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	69	165	1077	3471
Magnesium	ppm	1	2	5	10
Zinc	ppm	35	79	444	1420
Phosphorus	ppm	1219	1183	1255	1204
Barium	ppm	<1	<1	<1	<1
Boron	ppm	306	273	235	99

Depot: JOHTRU  
 Unique No: 5760221  
 Signed: Wes Davis  
 Report Date: 05 Apr 2024



### Graphs

