

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(346464)] LIEBHERR LH30M 124535-1253 - Rear Right Wheel

Sample No: LH0286590

Oil Type: GEAR OIL SAE 75W90



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



#### Sample Information

Sample Number	<b>LH0286590</b>	LH0269642	LH0224219	LH0194916
Sample Date	<b>16 Mar 2024</b>	18 Oct 2023	04 Apr 2022	03 Oct 2021
Machine Hours	<b>6121</b>	5046	2025	1068
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### Oil Condition

Visc @ 40°C	cSt	<b>103</b>	98.7	93.6	55.8
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>0</b>	<1	2	8
Sodium	ppm	<b>2</b>	2	3	15
Potassium	ppm	<b>&lt;1</b>	0	1	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 oil. The condition of the oil is acceptable for the time in service.



#### Wear Metals

Iron	ppm	<b>3</b>	6	6	11
Copper	ppm	<b>1</b>	4	2	5
Lead	ppm	<b>0</b>	<1	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	0	0	<1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	<1
Manganese	ppm	<b>0</b>	0	<1	2
Vanadium	ppm	<b>0</b>	0	0	0



#### Additives

Calcium	ppm	<b>47</b>	137	625	3514
Magnesium	ppm	<b>1</b>	2	3	11
Zinc	ppm	<b>24</b>	67	270	1422
Phosphorus	ppm	<b>1200</b>	1169	1288	1216
Barium	ppm	<b>&lt;1</b>	<1	1	<1
Boron	ppm	<b>307</b>	281	275	103

**Depot:** JOHTRU  
**Unique No:** 5760218  
**Signed:** Wes Davis  
**Report Date:** 05 Apr 2024



### Graphs

