

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 119193-1253 - Rear Right Wheel Hub

Sample No: LH0270553

Oil Type: GEAR OIL SAE 75W90



**BRIGHTON RECYCLING**  
 686 COUNTY RD 64  
 BRIGHTON, ON  
 CA K0K 1H0  
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#### SAMPLE INFORMATION

Sample Number	<b>LH0270553</b>	LH0234946	LH0230627	LH
Sample Date	<b>04 Oct 2023</b>	14 Nov 2022	06 Jun 2022	13 Jan 2022
Machine Hours	<b>5149</b>	3951	3290	2783
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	<b>99.1</b>	101	102	97.1
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#### CONTAMINATION

Silicon	ppm	<b>&lt;1</b>	2	1	1
Sodium	ppm	<b>1</b>	1	<1	1
Potassium	ppm	<b>0</b>	0	1	<1



#### WEAR METALS

Iron	ppm	<b>7</b>	9	5	8
Copper	ppm	<b>&lt;1</b>	<1	<1	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>&lt;1</b>	<1	0	0
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>22</b>	29	37	121
Magnesium	ppm	<b>2</b>	<1	2	2
Zinc	ppm	<b>11</b>	8	18	58
Phosphorus	ppm	<b>1269</b>	1407	1314	1273
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>307</b>	274	317	292

#### 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.

**Depot:** BRI686BRI  
**Unique No:** 5657398  
**Signed:** Wes Davis  
**Report Date:** 11 Oct 2023



### GRAPHS

