

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 086015-1203 - Front Right Wheel Hub

Sample No: LH0278359

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	<b>LH0278359</b>	LH0234501	LH0194937	LH0132715
Sample Date	<b>28 Nov 2023</b>	27 Jun 2022	31 Aug 2021	09 Jun 2020
Machine Hours	<b>20736</b>	17693	15995	14601
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**Dartmouth Metals & Bottle Ltd.**  
 14 Dawn Drive  
 Dartmouth, NS  
 CA B3B 1H9  
 Contact: Service



#### OIL CONDITION

Visc @ 40°C	cSt	<b>104</b>	103	92.9	87.3
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>1</b>	3	4	<1
Sodium	ppm	<b>1</b>	1	2	<1
Potassium	ppm	<b>&lt;1</b>	<1	<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	<b>25</b>	60	71	54
Copper	ppm	<b>2</b>	3	9	5
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	<1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### ADDITIVES

Calcium	ppm	<b>10</b>	7	8	14
Magnesium	ppm	<b>3</b>	2	2	2
Zinc	ppm	<b>10</b>	10	12	11
Phosphorus	ppm	<b>1219</b>	1175	1280	1304
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>299</b>	298	318	324

**Depot:** DAR14DAR  
**Unique No:** 5709012  
**Signed:** Wes Davis  
**Report Date:** 10 Jan 2024



### GRAPHS

