

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 110435-1250 - Rear Left Wheel Hub

Sample No: LH0288107

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**ECOWASTE INDUSTRIES**  
 4 SPRUCE ST  
 NEW WESTMINSTER, BC  
 CA V3L 5G6  
 Contact: Service Manager

T:  
 F:



#### Sample Information

Sample Number	<b>LH0288107</b>	LH0260476	LH0234089	LH0238720
Sample Date	<b>30 May 2024</b>	14 Aug 2023	07 Mar 2023	20 Jan 2023
Machine Hours	<b>13142</b>	11129	10153	9792
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>105</b>	104	104	99.4
-------------	-----	------------	-----	-----	------



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>0</b>	<1	1	1
Sodium	ppm	<b>&lt;1</b>	2	2	5
Potassium	ppm	<b>0</b>	<1	0	<1



#### Wear Metals

Iron	ppm	<b>5</b>	6	9	21
Copper	ppm	<b>&lt;1</b>	<1	<1	1
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	<1	<1	0
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



#### Additives

Calcium	ppm	<b>5</b>	17	29	48
Magnesium	ppm	<b>&lt;1</b>	2	1	1
Zinc	ppm	<b>8</b>	14	7	8
Phosphorus	ppm	<b>1234</b>	1280	1356	1443
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>320</b>	298	287	267

#### 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:** ECONEW  
**Unique No:** 5799040  
**Signed:** Wes Davis  
**Report Date:** 12 Jun 2024



### Graphs

