

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112348 - Front Right Wheel Hub

Sample No: LH0284124

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



**Rypac Aluminum Recycling**  
 11849 Tannery Road  
 Surrey, BC  
 CA V3V 3W8  
 Contact: Craig Merritt  
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 T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0284124	LH0260545	---	---
Sample Date	12 Feb 2024	04 Jul 2023	---	---
Machine Hours	5077	4130	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	95.2	56.9	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	1	4	---	---
Sodium	ppm	8	15	---	---
Potassium	ppm	<1	1	---	---



#### WEAR METALS

Iron	ppm	11	21	---	---
Copper	ppm	9	28	---	---
Lead	ppm	<1	17	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	577	3316	---	---
Magnesium	ppm	3	10	---	---
Zinc	ppm	277	1413	---	---
Phosphorus	ppm	1170	1195	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	206	94	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: RYPSUR  
 Unique No: 5734574  
 Signed: Kevin Marson  
 Report Date: 22 Feb 2024



### GRAPHS

