

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 142743-1217 - Front Right Wheel Hub

Sample No: LH0249575

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



**RICHMOND STEEL RECYCLING**  
 11760 MITCHELL ROAD  
 RICHMOND, BC  
 CA V6V 1V8  
 Contact: Aaron Kaetler  
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 F: (604)324-8617



#### SAMPLE INFORMATION

Sample Number	LH0249575	LH0249564	---	---
Sample Date	05 Jan 2024	12 Jul 2023	---	---
Machine Hours	2127	1065	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	95.7	121	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	1	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	<1	<1	---	---



#### WEAR METALS

Iron	ppm	59	43	---	---
Copper	ppm	102	41	---	---
Lead	ppm	3	1	---	---
Tin	ppm	4	0	---	---
Aluminum	ppm	4	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	5	3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	11	12	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	78	41	---	---
Phosphorus	ppm	1187	1207	---	---
Barium	ppm	23	115	---	---
Boron	ppm	273	193	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Lead, tin and copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: RIC117RIC  
 Unique No: 5709032  
 Signed: Kevin Marson  
 Report Date: 11 Jan 2024



### GRAPHS

