

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 142743-1217 - Rear Left Wheel Hub

Sample No: LH0249565

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



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



#### SAMPLE INFORMATION

Sample Number	LH0249565	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	1065	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	171	---	---	---
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#### CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	21	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	15	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	1198	---	---	---
Barium	ppm	311	---	---	---
Boron	ppm	30	---	---	---

#### 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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** RIC117RIC  
**Unique No:** 5617508  
**Signed:** Wes Davis  
**Report Date:** 27 Jul 2023



### GRAPHS

