

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(355228)] LIEBHERR LH60M 114198-1217 - Front Left Wheel H

Sample No: LH0290533

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0290533	LH0225131	LH0269773	---
Sample Date	11 Jul 2024	07 Dec 2023	22 Sep 2023	---
Machine Hours	10000	8004	7355	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**AltaSteel**  
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 CA T6B 2X6  
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 T:  
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#### Oil Condition

Visc @ 40°C	cSt	96.0	96.2	97.4	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	38	22	46	---
Copper	ppm	15	11	23	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	14	28	8	---
Magnesium	ppm	1	<1	1	---
Zinc	ppm	22	25	23	---
Phosphorus	ppm	1267	1225	1263	---
Barium	ppm	0	0	<1	---
Boron	ppm	310	301	317	---

#### 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:** ALT940EDM  
**Unique No:** 5814327  
**Signed:** Kevin Marson  
**Report Date:** 19 Jul 2024



### Graphs

