

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(355228) [50241076]] LIEBHERR LH60M 114198-1217 - Rear Left W

Sample No: LH0290542

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0290542	LH0225128	LH0250389	---
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	SEVERE	NORMAL	NORMAL	---

**AltaSteel**  
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 Contact: Richard Bailey  
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 T:  
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#### Oil Condition

Visc @ 40°C	cSt	104	102	104	---
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#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	176	1	2	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	<1	<1	<1	---



#### Wear Metals

Iron	ppm	10	6	12	---
Copper	ppm	4	5	14	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	0	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	10	36	6	---
Magnesium	ppm	2	<1	1	---
Zinc	ppm	10	25	14	---
Phosphorus	ppm	1251	1233	1263	---
Barium	ppm	<1	0	<1	---
Boron	ppm	308	306	315	---

#### Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. High concentration of dirt present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** ALT940EDM  
**Unique No:** 5814329  
**Signed:** Kevin Marson  
**Report Date:** 19 Jul 2024



### Graphs

