

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0269773

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0269773	LH0225073	LH0224842	LH0224954
Sample Date	22 Sep 2023	10 Feb 2023	18 Nov 2022	12 Aug 2022
Machine Hours	7355	4980	4073	3039
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

**AltaSteel**  
 9401 34 St NW  
 Edmonton, AB  
 CA T6B 2X6  
 Contact: Richard Bailey  
 richard.bailey@altasteel.com  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	97.4	96.0	100	126
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#### CONTAMINATION

Silicon	ppm	1	2	2	2
Sodium	ppm	<1	<1	2	2
Potassium	ppm	<1	<1	0	<1



#### WEAR METALS

Iron	ppm	46	71	76	96
Copper	ppm	23	16	24	31
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	<1	0	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	2	2
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	8	13	15	8
Magnesium	ppm	1	2	2	1
Zinc	ppm	23	23	23	28
Phosphorus	ppm	1263	1383	1389	1544
Barium	ppm	<1	4	7	44
Boron	ppm	317	293	288	171

#### 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:** 5646718  
**Signed:** Wes Davis  
**Report Date:** 28 Sep 2023



### GRAPHS

