

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60C T19413-1528 - Pump Drive

Sample No: LH0286415

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0286415	LH0269769	LH0224946	LH0224898
Sample Date	16 Apr 2024	21 Sep 2023	10 Aug 2022	13 May 2022
Machine Hours	8962	7643	6039	5497
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**AltaSteel**  
 9401 34 St NW  
 Edmonton, AB  
 CA T6B 2X6  
 Contact: Richard Bailey  
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 T:  
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#### Oil Condition

Visc @ 40°C	cSt	90.8	92.3	98.3	115
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	1	1	1
Sodium	ppm	<1	1	1	1
Potassium	ppm	0	1	0	<1



#### Wear Metals

Iron	ppm	10	10	8	10
Copper	ppm	1	1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	0	<1	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	35	34	15	27
Magnesium	ppm	2	2	<1	0
Zinc	ppm	50	47	21	24
Phosphorus	ppm	1169	1040	1481	1802
Barium	ppm	0	<1	0	0
Boron	ppm	281	202	235	162

#### 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:** 5762850  
**Signed:** Wes Davis  
**Report Date:** 17 Apr 2024



### Graphs

