

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR736LGP 020009-1736 - Left Final Drive

Sample No: LH0286670

Oil Type: PETRO CANADA TRAXON 85W140



THOMAS CAVANAGH CONSTRUCTION LTD  
RR # 2, 9094 CAVANAGH ROAD  
ASHTON, ON  
CA K0A 1B0  
Contact: Keith

T: (613)257-4995  
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#### Sample Information

Sample Number	LH0286670	LH0237752	---	---
Sample Date	25 Mar 2024	22 Feb 2023	---	---
Machine Hours	2903	2011	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 192	● 338	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● <1	● 7	---	---
Sodium	ppm	● 2	● 3	---	---
Potassium	ppm	● <1	● <1	---	---



#### Wear Metals

Iron	ppm	● 39	● 97	---	---
Copper	ppm	● 14	● 39	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● <1	● 2	---	---
Aluminum	ppm	● <1	● 2	---	---
Chromium	ppm	● <1	● 1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● 2	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	17	27	---	---
Magnesium	ppm	● 8	● 1	---	---
Zinc	ppm	● 19	25	---	---
Phosphorus	ppm	1931	1240	---	---
Barium	ppm	● 6	30	---	---
Boron	ppm	25	● 4	---	---

#### 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. The condition of the oil is acceptable for the time in service.

Depot: CAVASH  
Unique No: 5762842  
Signed: Wes Davis  
Report Date: 17 Apr 2024



### Graphs

