

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736LGP 020009-1736 - Right Final Drive

Sample No: LH0286668

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



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

T: (613)257-4995
F: (613)253-0071



Sample Information

Sample Number	LH0286668	LH0237753	---	---
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	177	341	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	7	8	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	<1	<1	---	---



Wear Metals

Iron	ppm	31	51	---	---
Copper	ppm	6	21	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	1	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	11	24	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	11	20	---	---
Phosphorus	ppm	1882	1124	---	---
Barium	ppm	2	17	---	---
Boron	ppm	40	84	---	---

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: 5762840
Signed: Wes Davis
Report Date: 17 Apr 2024



Graphs

