

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40C 146602-1527 - Left Final Drive

Sample No: LH0266328

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



#### SAMPLE INFORMATION

Sample Number	LH0266328	---	---	---
Sample Date	01 Nov 2023	---	---	---
Machine Hours	1016	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**CALGARY METALS (1985) LTD.**  
 3415 OGDEN RD. SE.  
 CALGARY, AB  
 CA T2G 4N4  
 Contact: Steve Goodzeck  
 sgoodzeck@calgarymetal.com  
 T: (403)262-4542  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	199	---	---	---
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#### CONTAMINATION

Silicon	ppm	3	---	---	---
Sodium	ppm	8	---	---	---
Potassium	ppm	2	---	---	---



#### WEAR METALS

Iron	ppm	108	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	1119	---	---	---
Barium	ppm	18	---	---	---
Boron	ppm	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: CAL341CAL  
 Unique No: 5672480  
 Signed: Wes Davis  
 Report Date: 09 Nov 2023



### GRAPHS

