

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 146602-1527 - Right Final Drive

Sample No: LH0266329

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0266329	---	---	---
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	113	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
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	1093	---	---	---
Barium	ppm	20	---	---	---
Boron	ppm	5	---	---	---

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: 5672482
 Signed: Wes Davis
 Report Date: 09 Nov 2023



GRAPHS

