

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40C 146602-1527 - Splitter Box

Sample No: LH0266331

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0266331	---	---	---
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	● <1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 33	---	---	---
Phosphorus	ppm	● 1532	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 1	---	---	---

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: 5672481

Signed: Wes Davis

Report Date: 09 Nov 2023



GRAPHS

