

LIEBHERR

CONSTRUCTION EQUIPMENT



[[50240195]] LIEBHERR LH60C79580 - Left Final Drive

Sample No: LH0269679

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



SAMPLE INFORMATION

Sample Number	LH0269679	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	14010	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

10374 267 ST.
ACHESON, AB
CA T7X 6A2
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T: (780)962-6088
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OIL CONDITION

Visc @ 40°C	cSt	● 94.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 41	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 66	---	---	---
Copper	ppm	● 9	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4503	---	---	---
Magnesium	ppm	● 13	---	---	---
Zinc	ppm	1069	---	---	---
Phosphorus	ppm	● 937	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	3	---	---	---

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: LIESPR
Unique No: 5724187
Signed: Kevin Marson
Report Date: 14 Feb 2024



GRAPHS

