

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355228) [50241076]] LIEBHERR LH60M 114198-1217 - Front Diff

Sample No: LH0290539

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0290539	LH0225133	LH0269779	---
Sample Date	11 Jul 2024	07 Dec 2023	22 Sep 2023	---
Machine Hours	10000	8004	7355	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

AltaSteel

9401 34 St NW
Edmonton, AB
CA T6B 2X6
Contact: Richard Bailey
richard.bailey@altasteel.com
T:
F:



Oil Condition

Visc @ 40°C	cSt	103	103	106	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	<1	2	---
Sodium	ppm	<1	<1	<1	---
Potassium	ppm	0	<1	<1	---



Wear Metals

Iron	ppm	4	2	4	---
Copper	ppm	1	1	6	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	14	37	6	---
Magnesium	ppm	2	<1	1	---
Zinc	ppm	12	25	12	---
Phosphorus	ppm	1258	1222	1251	---
Barium	ppm	0	0	<1	---
Boron	ppm	310	303	315	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: ALT940EDM
Unique No: 5814325
Signed: Wes Davis
Report Date: 18 Jul 2024



Graphs

