

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0290543

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0290543	LH0225130	LH0269771	---
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	95.9	97.0	98.4	---
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Contamination

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



Wear Metals

Iron	ppm	31	17	32	---
Copper	ppm	5	4	11	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	14	28	8	---
Magnesium	ppm	1	<1	2	---
Zinc	ppm	15	22	15	---
Phosphorus	ppm	1242	1224	1233	---
Barium	ppm	0	0	<1	---
Boron	ppm	303	302	316	---

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: 5814323
Signed: Kevin Marson
Report Date: 19 Jul 2024



Graphs

