

LIEBHERR

CONSTRUCTION EQUIPMENT



[(355228) [50241076]] LIEBHERR LH60M 114198-1217 - Swin

Sample No: LH0290538

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Sample Information

Sample Number	LH0290538	LH0225134	LH0224846	---
Sample Date	11 Jul 2024	07 Dec 2023	18 Nov 2022	---
Machine Hours	10000	8004	4073	---
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	99.6	105	103	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	6	<1	---
Sodium	ppm	1	3	2	---
Potassium	ppm	<1	2	1	---



Wear Metals

Iron	ppm	76	84	53	---
Copper	ppm	18	24	27	---
Lead	ppm	0	<1	<1	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	15	13	7	---
Magnesium	ppm	2	2	2	---
Zinc	ppm	14	9	12	---
Phosphorus	ppm	1244	1238	995	---
Barium	ppm	4	15	0	---
Boron	ppm	303	285	154	---

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: 5814324
Signed: Wes Davis
Report Date: 18 Jul 2024



Graphs

