

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 150728-1216 - Swing Drive

Sample No: LH0281108

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0281108	LH0271868	LH0242068	---
Sample Date	29 Apr 2024	09 Feb 2024	21 Nov 2023	---
Machine Hours	1514	1066	500	---
Oil Hours	488	0	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

ABC RECYCLING

750C JACKSON RD

NANAIMO, BC

CA V9X 1J2

Contact: Jordie Richmond

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F:



Oil Condition

Visc @ 40°C	cSt	97.5	105	179	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	0	4	4	---
Sodium	ppm	<1	1	3	---
Potassium	ppm	<1	1	<1	---



Wear Metals

Iron	ppm	50	119	167	---
Copper	ppm	38	65	83	---
Lead	ppm	<1	2	2	---
Tin	ppm	1	4	5	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	2	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	10	11	22	---
Magnesium	ppm	1	1	1	---
Zinc	ppm	9	11	25	---
Phosphorus	ppm	1221	1350	2021	---
Barium	ppm	<1	2	7	---
Boron	ppm	305	247	23	---

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: ABCNAN

Unique No: 5774776

Signed: Wes Davis

Report Date: 06 May 2024



Graphs

