

LIEBHERR

CONSTRUCTION EQUIPMENT



[NACG] LIEBHERR LRH100 115117 - Left Track Drive

Sample No: LH0292296

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90



Sample Information

Sample Number	LH0292296	LH0070681	---	---
Sample Date	04 Jul 2024	01 Mar 2013	---	---
Machine Hours	349	872	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

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Oil Condition

Visc @ 40°C	cSt	● 95.6	● 103	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 14	● 300	---	---
Sodium	ppm	● <1	● 5	---	---
Potassium	ppm	● 1	● 4	---	---



Wear Metals

Iron	ppm	● 32	● 128	---	---
Copper	ppm	● 5	● 6	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● 2	● 12	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● <1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● <1	1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 84	● 22	---	---
Magnesium	ppm	● 3	● 3	---	---
Zinc	ppm	● 74	● 33	---	---
Phosphorus	ppm	408	● 1364	---	---
Barium	ppm	● 0	● <1	---	---
Boron	ppm	26	● 239	---	---

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: LIEMIS
 Unique No: 5812337
 Signed: Wes Davis
 Report Date: 09 Jul 2024



Graphs

