

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 065678-1826 - Splitter Box

Sample No: LH0232594

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH0232594	LH	LH0239135	---
Sample Date	31 Jul 2023	26 Apr 2023	29 Aug 2022	---
Machine Hours	3914	3418	1292	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	SEVERE	NORMAL	---

BOIS LIB INC.
 275 RUE JEREMIE-PACAUD
 PRINCEVILLE, QC
 CA G6L 0A1
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	166	111	93.5	---
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T:
F:



CONTAMINATION

Silicon	ppm	1	3	4	---
Sodium	ppm	1	6	3	---
Potassium	ppm	<1	<1	<1	---

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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.



WEAR METALS

PQ		---	0	---	---
Iron	ppm	55	446	84	---
Copper	ppm	1	2	<1	---
Lead	ppm	1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	2	<1	---
Chromium	ppm	<1	4	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	2	1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	7	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	11	13	9	---
Magnesium	ppm	6	10	4	---
Zinc	ppm	183	1844	45	---
Phosphorus	ppm	2934	8371	2660	---
Barium	ppm	0	0	5	---
Boron	ppm	5	38	137	---

Depot: LIBPRI
Unique No: 5643650
Signed: Kevin Marson
Report Date: 15 Sep 2023



GRAPHS

