

LIEBHERR

CONSTRUCTION EQUIPMENT



[(362424)] LIEBHERR L556 065472-1826 - Splitter Box

Sample No: LH

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



SAMPLE INFORMATION

Sample Number	LH	LH0239118	LH0226825	---
Sample Date	20 Dec 2023	15 Aug 2022	06 May 2022	---
Machine Hours	5792	1598	1105	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	169	94.2	54.6	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	5	---
Sodium	ppm	1	1	3	---
Potassium	ppm	<1	<1	0	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA TRAXON 75W90 SYNTHETIC, however, a fluid match indicates that this fluid is SAE 90 Gear Oil. Please confirm the oil type and grade on your next sample. 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

Iron	ppm	8	9	18	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	0	4	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	13	181	2135	---
Magnesium	ppm	5	3	8	---
Zinc	ppm	11	97	888	---
Phosphorus	ppm	2250	1288	1346	---
Barium	ppm	0	<1	3	---
Boron	ppm	40	291	143	---

Depot: LIBPRI
Unique No: 5697791
Signed: Kevin Marson
Report Date: 21 Dec 2023



GRAPHS

