

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R945 055435-1866 - Splitter Box

Sample No: LH0252139

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0252139	LH0252132	LH0256975	---
Sample Date	27 Nov 2023	31 Jul 2023	27 Mar 2023	---
Machine Hours	2001	1467	1015	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**CLOUTIER VENTURES LTD.**  
 59 MATTHEWS STREET, R.R. # 5  
 PEMBROKE, ON  
 CA K8A 0A6  
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#### OIL CONDITION

Visc @ 40°C	cSt	149	120	185	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	1	2	---
Sodium	ppm	2	2	2	---
Potassium	ppm	<1	1	2	---



#### WEAR METALS

Iron	ppm	24	19	30	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	9	8	11	---
Magnesium	ppm	<1	1	2	---
Zinc	ppm	12	17	15	---
Phosphorus	ppm	1935	1454	1665	---
Barium	ppm	<1	0	0	---
Boron	ppm	75	197	15	---

#### 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: CLOPEM  
 Unique No: 5684978  
 Signed: Wes Davis  
 Report Date: 30 Nov 2023



### GRAPHS

