

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R924 054969 - Right Final Drive

Sample No: LH0291264

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0291264	LH0242475	---	---
Sample Date	27 May 2024	17 Nov 2022	---	---
Machine Hours	2977	543	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**CLOUTHIER VENTURES LTD.**  
 59 MATTHEWS STREET, R.R. # 5  
 PEMBROKE, ON  
 CA K8A 0A6  
 Contact: Travis Bennett  
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#### Oil Condition

Visc @ 40°C	cSt	● 150	● 193	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 17	● 2	---	---
Sodium	ppm	● 2	● 6	---	---
Potassium	ppm	● 2	● 3	---	---



#### Wear Metals

Iron	ppm	● 59	● 110	---	---
Copper	ppm	● 0	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 4	● <1	---	---
Chromium	ppm	● 4	● 2	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	● <1	● <1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● 2	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 6	24	---	---
Magnesium	ppm	● 2	● <1	---	---
Zinc	ppm	● 8	19	---	---
Phosphorus	ppm	2051	1225	---	---
Barium	ppm	● <1	● 12	---	---
Boron	ppm	61	● 4	---	---

#### 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: 5790000  
 Signed: Wes Davis  
 Report Date: 10 Jun 2024



### Graphs

