

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [SUBLATOS] LIEBHERR R934 54888 - Left Final Drive

Sample No: LH0225119

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0225119	LH0224986	---	---
Sample Date	29 May 2023	14 Mar 2023	---	---
Machine Hours	971	577	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**LIEBHERR CANADA LTD.**  
 10374 267 ST.  
 ACHESON, AB  
 CA T7X 6A2  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 117	196	---	---
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#### CONTAMINATION

Silicon	ppm	● 223	● 176	---	---
Sodium	ppm	● 7	● 9	---	---
Potassium	ppm	● 12	● 12	---	---



#### WEAR METALS

Iron	ppm	● 721	● 404	---	---
Copper	ppm	● <1	● <1	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 42	● 34	---	---
Chromium	ppm	● 9	● 6	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 2	● 2	---	---
Titanium	ppm	● 1	● 2	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	● 6	● 6	---	---
Vanadium	ppm	0	<1	---	---



#### ADDITIVES

Calcium	ppm	● 84	59	---	---
Magnesium	ppm	● 18	● 12	---	---
Zinc	ppm	● 18	● 17	---	---
Phosphorus	ppm	● 1296	● 1287	---	---
Barium	ppm	● 5	● 6	---	---
Boron	ppm	● 204	4	---	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIESPR  
 Unique No: 5655229  
 Signed: Wes Davis  
 Report Date: 02 Oct 2023



### GRAPHS

