

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R92254275 - Left Final Drive

Sample No: LH0225144

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0225144	LH0238611	---	---
Sample Date	06 Jun 2024	22 Feb 2023	---	---
Machine Hours	3000	518	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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#### Oil Condition

Visc @ 40°C	cSt	92.7	197	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	74	4	---	---
Sodium	ppm	6	6	---	---
Potassium	ppm	6	3	---	---



#### Wear Metals

Iron	ppm	112	48	---	---
Copper	ppm	<1	0	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	25	<1	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	20	15	---	---
Magnesium	ppm	8	<1	---	---
Zinc	ppm	12	17	---	---
Phosphorus	ppm	1218	1234	---	---
Barium	ppm	1	15	---	---
Boron	ppm	293	6	---	---

#### 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: LIERIC  
 Unique No: 5814304  
 Signed: Kevin Marson  
 Report Date: 19 Jul 2024



### Graphs

