

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 100881- Front Left Wheel Hub

Sample No: LH0289622

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### Sample Information

Sample Number	LH0289622	LH0153883	---	---
Sample Date	01 May 2024	16 Jun 2023	---	---
Machine Hours	6972	5929	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### American Iron and Metal

2555 Sheffield Road  
Ottawa, ON  
CA K1B 3V6  
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T: (438)334-4682  
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#### Oil Condition

Visc @ 40°C	cSt	107	107	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	3	---	---
Sodium	ppm	6	6	---	---
Potassium	ppm	<1	<1	---	---



#### Wear Metals

Iron	ppm	10	11	---	---
Copper	ppm	6	5	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	629	859	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	270	359	---	---
Phosphorus	ppm	1142	1198	---	---
Barium	ppm	0	0	---	---
Boron	ppm	214	203	---	---

#### 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: BAKOTT  
Unique No: 5773992  
Signed: Kevin Marson  
Report Date: 02 May 2024



### Graphs

