

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 040916-1287 - Rear Right Wheel Hub

Sample No: LH0104291

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



#### SAMPLE INFORMATION

Sample Number	LH0104291	LH0178492	---	---
Sample Date	29 Sep 2023	13 Dec 2022	---	---
Machine Hours	11118	10041	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

**RIDEAU BULK TERMINALS INC.**  
 3141 ALBION ROAD SOUTH  
 OTTAWA, ON  
 CA K1V 8Y3  
 Contact: Marc Yelle  
 myelle@rideaubulk.com  
 T: (613)223-3023  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	188	187	---	---
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#### CONTAMINATION

Silicon	ppm	3	24	---	---
Sodium	ppm	3	1	---	---
Potassium	ppm	0	<1	---	---



#### WEAR METALS

PQ		---	196	---	---
Iron	ppm	60	618	---	---
Copper	ppm	1	2	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	<1	13	---	---
Molybdenum	ppm	8	30	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	<1	5	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	14	8	---	---
Magnesium	ppm	9	2	---	---
Zinc	ppm	17	6	---	---
Phosphorus	ppm	2288	2393	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	8	26	---	---

#### 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: RIDOTT  
 Unique No: 5656294  
 Signed: Wes Davis  
 Report Date: 05 Oct 2023



### GRAPHS

