# 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 **OIL CONDITION** Visc @ 40°C cSt 188 0 187

<b>11</b>				
	<b>NTAMIN</b> A	TION		
Silicon	ppm	03	24	 
Sodium	ppm	03	01	 
Potassium	ppm	0	◯ <1	 

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WE/	AR META	LS		
PQ			0 196	 
Iron	ppm	0 60	618	 
Copper	ppm	01	2	 
Lead	ppm	<b>○</b> <1	0	 
Tin	ppm	0	0	 
Aluminum	ppm	◯ <1	0 2	 
Chromium	ppm	<b>○</b> <1	0 13	 
Molybdenum	ppm	08	30	 
Nickel	ppm	0	○ <1	 
Titanium	ppm	0	<1	 
Silver	ppm	<1	<1	 
Manganese	ppm	<b>○</b> <1	○ 5	 
Vanadium	ppm	0	0	 

ADDITIVES					
Calcium	ppm	<b>1</b> 4	08		
Magnesium	ppm	0 9	02		
Zinc	ppm	0 17	6		
Phosphorus	ppm	2288	2393		
Barium	ppm	<b>○</b> <1	0		
Boron	ppm	8	26		



## RIDEAU BULK TERMINALS INC.

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

## 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

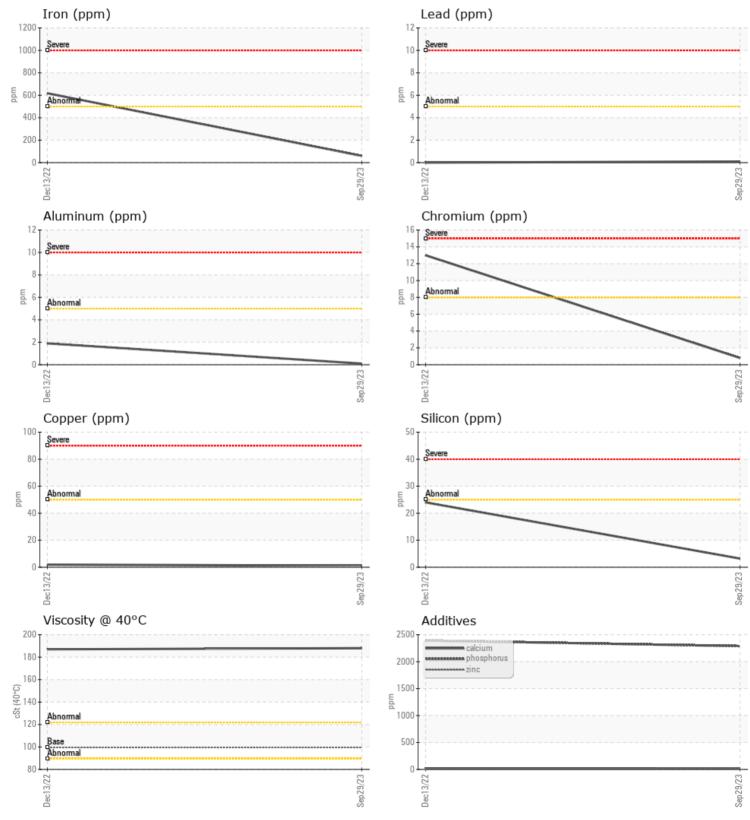
Contact/Location: Marc Yelle - RIDOTT





GRAPHS

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Report Id: RIDOTT [WCAMIS] 02587228 (Generated: 10/05/2023 16:37:44) Rev: 1

Contact/Location: Marc Yelle - RIDOTT