# CONSTRUCTION EQUIPMENT

## [ALLTERRA] LIEBHERR LH60M 65464 - Front Left Wheel Hub

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0281201

Oil Type:

## **SAMPLE INFORMATION**

Sample Number		LH0281201	LH0144861	LH	
Sample Date		18 Jan 2024	31 Jul 2019	22 May 2019	
Machine Hours		17608	15200	0	
Oil Hours		0	0	0	
Oil Changed		Changed	Not Changd	N/A	
Sample Status		NORMAL	NORMAL	NORMAL	
<b>OIL CONDITION</b>					
Visc @ 40°C	cSt	0 125	133	132	

Water	%	NEG	NEG	NEG	
Silicon	ppm	<mark></mark> <1	○ <1	○ <1	
Sodium	ppm	<b>10</b>	0 12	0 12	
Potassium	ppm	0 1286	0 1788	0 1738	

Ä					
WEA	<b>IR META</b>	LS			
Iron	ppm	0 30	22	0 17	
Copper	ppm	08	09	07	
Lead	ppm	<b>()</b> <1	◯ <1	◯ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	<b>○</b> <1	◯ <1	◯ <1	
Chromium	ppm	0	◯ <1	0	
Molybdenum	ppm	0	0	<1	
Nickel	ppm	<b>○</b> <1	0	◯ <1	
Titanium	ppm	0	◯ <1	0	
Silver	ppm	0	<1	0	
Manganese	ppm	<b>()</b> <1	◯ <1	<1	
Vanadium	ppm	0	0	0	

٥ **ADDITIVES** Calcium 075 ppm 89 86 Magnesium ○ <1 ○ <1 <1 ppm 021 20 Zinc 19 ppm 506 Phosphorus ppm 579 497 Barium 01 ppm ○ <1 <1 Boron 1640 ppm 1191 1587



#### Liebherr Canada

140 - 21320 Gordon Way Richmond, BC CA V6W 1J8 Contact: Kevin Steer kevin.steer@liebherr.com T: F: (604)270-3254

#### 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:	LIERIC
Unique No:	5720049
Signed:	Kevin Marson
Report Date:	25 Jan 2024

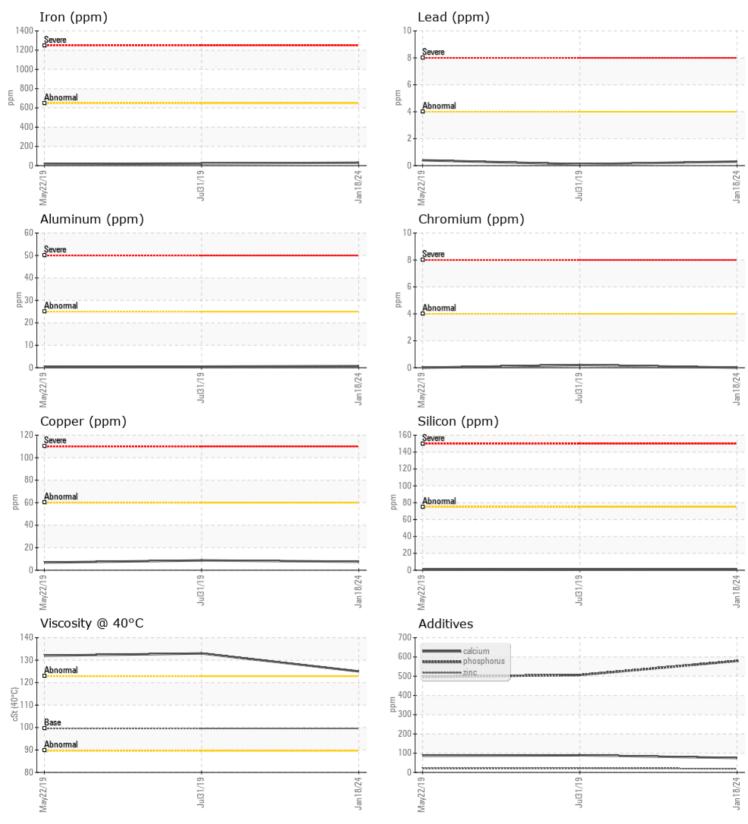
Contact/Location: Kevin Steer - LIERIC





GRAPHS

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Report Id: LIERIC [WCAMIS] 02610954 (Generated: 01/25/2024 14:10:08) Rev: 1

Contact/Location: Kevin Steer - LIERIC