## CONSTRUCTION EQUIPMENT

## [(362424)] LIEBHERR L556 065472-1826 - Rear Differential

Sample No: LH

Potassium

ppm

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC

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## **SAMPLE INFORMATION** LH LH0226828 Sample Number Sample Date 20 Dec 2023 06 May 2022 Machine Hours 5792 1105 **Oil Hours** 0 0 Oil Changed Changed Changed Sample Status ABNORMAL NORMAL т: **OIL CONDITION** F: Visc @ 40°C cSt 86.8 0 103 CONTAMINATION Water % NEG NEG Silicon ppm 0 11 7 02 Sodium 03 ppm

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WEA WEA	R METALS			
Iron	ppm	<b>338</b>	0 142	 
Copper	ppm	<u> </u>	0 76	 
Lead	ppm	<b>3</b>	2	 
Tin	ppm	07	04	 
Aluminum	ppm	<b>○</b> <1	○ <1	 
Chromium	ppm	01	○ <1	 
Molybdenum	ppm	0	○ <1	 
Nickel	ppm	<b>2</b>	02	 
Titanium	ppm	0	0	 
Silver	ppm	0	<1	 
Manganese	ppm	<b>10</b>	0 10	 
Vanadium	ppm	0	0	 

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٥ **ADDITIVES** Calcium ppm 0 17 072 02 Magnesium 02 ppm 0 48 Zinc 0 47 ppm 0 2036 Phosphorus ppm 2561 Barium 0  $\bigcirc 0$ ppm Boron 0 252 ppm 0 276



BOIS LIB INC. 275 RUE JEREMIE-PACAUD PRINCEVILLE, QC CA G6L 0A1 Contact: Service Manager

## Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Copper ppm levels are abnormal. Thrust washer and/or bearing/bushing wear is indicated. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

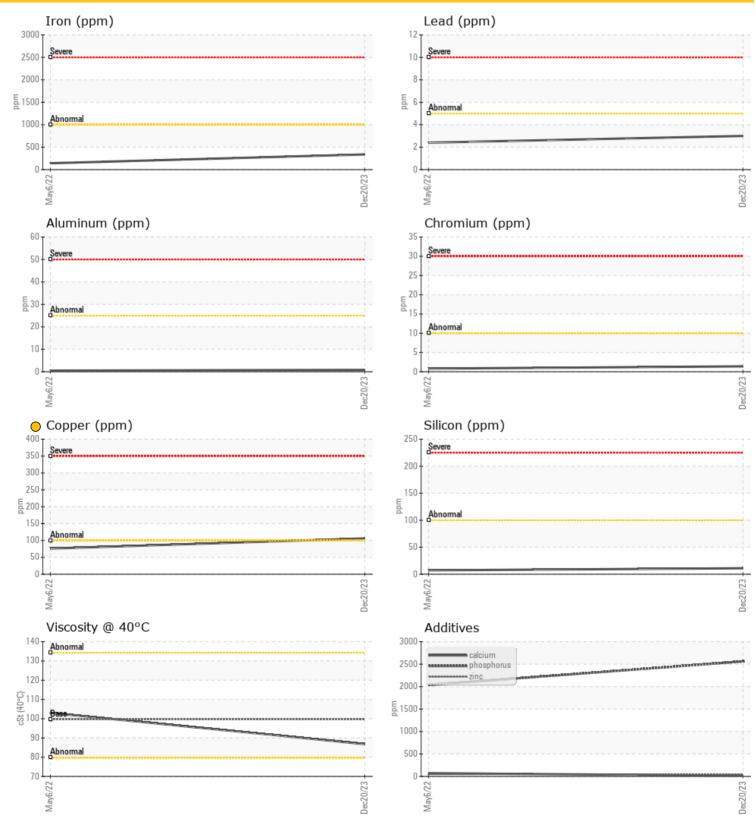
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Signed:	Kevin Marson		
Report Date:	21 Dec 2023		





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