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

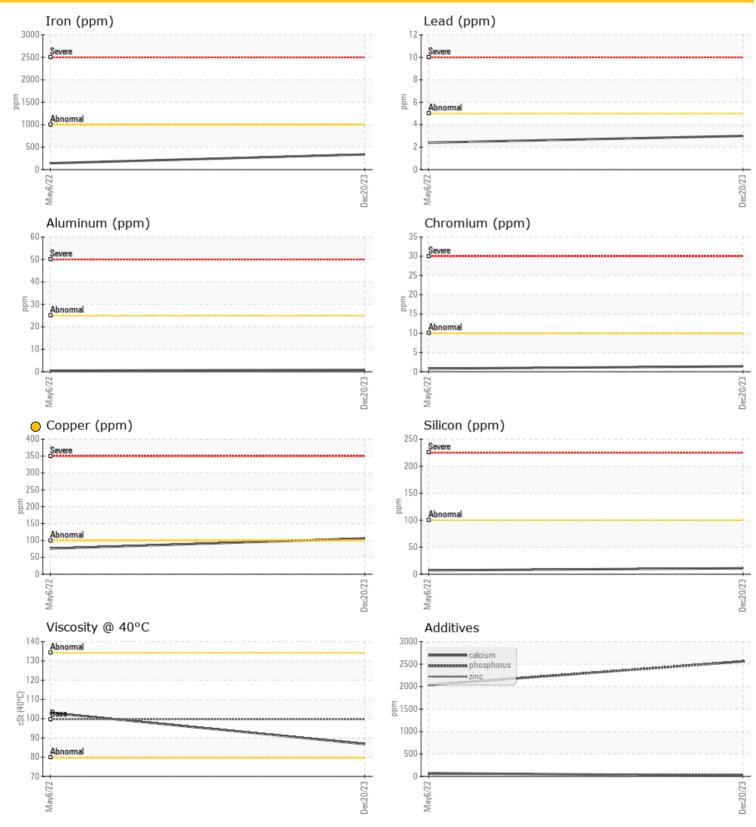
Depot:	LIBPRI		
Unique No:	5697789		
Signed:	Kevin Marson		
Report Date:	21 Dec 2023		





GRAPHS

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