CONSTRUCTION EQUIPMENT

[[600286]] LIEBHERR HS895HD 188227 - Rear Right Slewing G

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0286563

Oil Type:

SAMPLE INFORMATION

Sample Number	LH0286563
Sample Date	01 Mar 2024
Machine Hours	26121
Oil Hours	0
Oil Changed	N/A
Sample Status	ABNORMAL

OIL CONDITION

Visc @ 40°C

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cSt **88.1**

	TAMINA	ATION		
Water	%	NEG	 	
Silicon	ppm	○ <1	 	
Sodium	ppm	○ <1	 	
Potassium	ppm	04	 	

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WEA	R METALS			
	-	0.01		
Iron	ppm	0 21	 	
Copper	ppm	<mark>()</mark> 111	 	
Lead	ppm	3	 	
Tin	ppm	<mark>()</mark> 10	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0 ()	 	
Molybdenum	ppm	0 🔘	 	
Nickel	ppm	○ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0 ()	 	
Vanadium	ppm	0	 	

Calcium	ppm	0 10	 	
Magnesium	ppm	04	 	
Zinc	ppm	21	 	
Phosphorus	ppm	782	 	
Barium	ppm	0	 	
Boron	ppm	30	 	





HIGGS & HIGGS RR # 4 ST THOMAS, ON CA N5P 3S8 Contact: Bernie Higgs

T: (519)631-4095 F: (519)631-2745

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.Copper and tin ppm levels are abnormal. 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:	HIGSTT
Unique No:	5737093
Signed:	Kevin Marson
Report Date:	06 Mar 2024

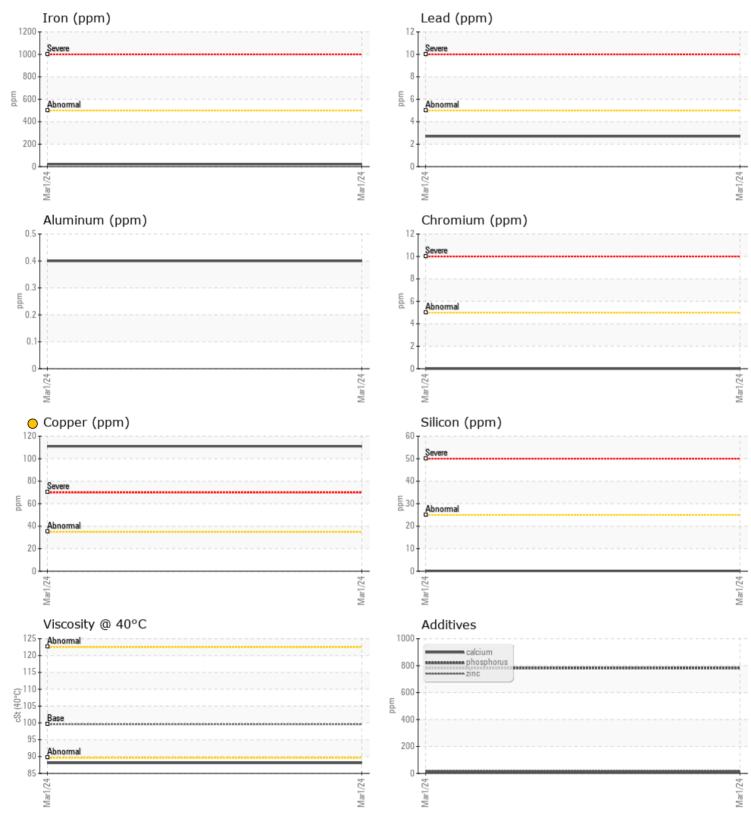
Contact/Location: Bernie Higgs - HIGSTT





GRAPHS

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Contact/Location: Bernie Higgs - HIGSTT