CONSTRUCTION EQUIPMENT

LIEBHERR HS8100.1186046 - Splitter Box

PETRO CANADA TRAXON 75W90 SYNTHETIC

Sample No: LH0277544

Oil Type:

SAMPLEINFORMATION				
Number	LH0277544	LH0242581		

Sample Number	LHU2//544
Sample Date	04 Jan 2024
Machine Hours	3905
Oil Hours	0
Oil Changed	Changed
Sample Status	ABNORMAL

۲	OIL	CONDITION
Visc @	40°C	cSt

UU			
	cSt	67.3	0 106

Water	%	NEG	NEG	NEG		
Silicon	ppm	01	0 1	01		
Sodium	ppm	01	0 4	9		
Potassium	ppm	○ <1	○ <1	0		

14 Oct 2022

Changed NORMAL

1056

0

LH0239496

05 Aug 2022

Changed

ABNORMAL

530

0

0 188

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WEA	R METALS				
Iron	ppm	0 17	23	0 43	
Copper	ppm	02	○ 5	9	
Lead	ppm	○ <1	○ <1	○ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	○ <1	○ <1	○ <1	
Chromium	ppm	0	0	○ <1	
Molybdenum	ppm	0	0	0	
Nickel	ppm	○ <1	0	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	<1	
Manganese	ppm	0	02	3	
Vanadium	ppm	0	0	0	

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Calcium	ppm	0 297	87	○ 73	
Magnesium	ppm	0 2	2	01	
Zinc	ppm	0 254	94	121	
Phosphorus	ppm	938	0 1255	1111	
Barium	ppm	0 🔘	0	0	
Boron	ppm	0 159	0 198	2	





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

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

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. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

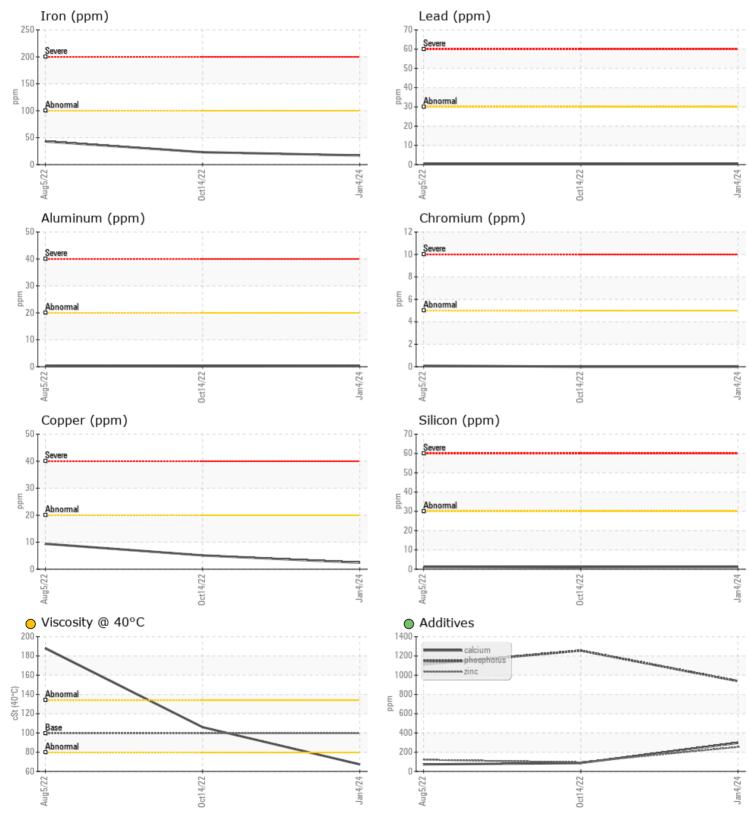
Depot:	HIGSTT
Unique No:	5720987
Signed:	Bill Quesnel
Report Date:	30 Jan 2024





GRAPHS

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Contact/Location: Bernie Higgs - HIGSTT