## **CONSTRUCTION EQUIPMENT**

## [[600286]] LIEBHERR HS895HD 188227 - Right Slewing Gear

Sample No: LH0286564

Oil Type:

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<b>SAMPLE INFORMATION</b>					
Sample Number	LH0286564	LH0274762			
Sample Date	01 Mar 2024	13 Oct 2023			
Machine Hours	26121	25204			
Oil Hours	0	0			
Oil Changed	N/A	N/A			
Sample Status	NORMAL	ABNORMAL			

PETRO CANADA TRAXON 75W90 SYNTHETIC

## OIL CONDITION

Visc @ 40°C

Water	%	NEG	NEG		
Silicon	ppm	<b>○</b> <1	2		
Sodium	ppm	<b>○</b> <1	○ <1		
Potassium	ppm	<b>○</b> <1	0		

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WE/	AR META	LS		
Iron		0 11	0 18	
-	ppm	•	<b>U</b>	 
Copper	ppm	0 41	0 60	 
Lead	ppm	<b>○</b> <1	2	 
Tin	ppm	0 2	03	 
Aluminum	ppm	<1	0	 
Chromium	ppm	0	0 0	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	○ <1	 
Titanium	ppm	0	0	 
Silver	ppm	0	<1	 
Manganese	ppm	0	0	 
Vanadium	ppm	0	0	 

<b>ADD</b>	ITIVES			
Calcium	ppm	<b>3</b>	0 10	 
Magnesium	ppm	◯ <1	01	 
Zinc	ppm	0 4	0 10	 
Phosphorus	ppm	783	0 1219	 
Barium	ppm	0	○ <1	 
Boron	ppm	32	◯ 307	 





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

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## 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.

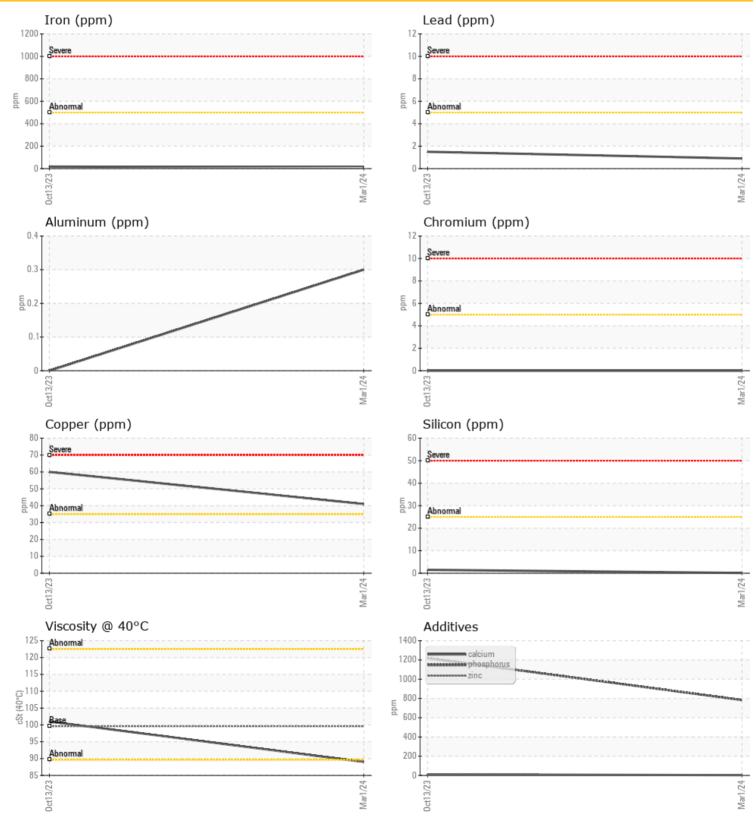
Depot:HIGSTTUnique No:5737094Signed:Kevin MarsonReport Date:06 Mar 2024





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Contact/Location: Bernie Higgs - HIGSTT