LIEBHERR

CONSTRUCTION EQUIPMENT

LIEBHERR HS855HD 184606 - Splitter Box

Sample No: LH0270247

Oil Type: PETRO CANADA TRAXON SYNTHETIC 75W90

SAMPLEINFO	RMATION			
Sample Number	LH0270247	LH0261729	LH0234991	
Sample Date	15 Sep 2023	10 May 2023	21 Jul 2022	
Machine Hours	35581	35165	33804	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	NORMAL	

Jampie Jiaius		NONWAL	NOTIVIAL	NOTUVIAL	
OIL CO	NDITION				
Visc @ 40°C	cSt	74.0	55.1	70.0	

CONT	AMINATIO	ON			
Silicon	ppm	3	5	4	
Sodium	ppm	0 <1	O <1	O <1	
Potassium	ppm	() <1	 <1	O <1	

WEA	R METALS				
Iron	ppm	60	7 9	O 42	
Copper	ppm	3	4	3	
Lead	ppm	() <1	O <1	O <1	
Tin	ppm	0	O <1	O <1	
Aluminum	ppm	 <1	1	O <1	
Chromium	ppm	0 <1	O <1	O <1	
Molybdenum	ppm	() <1	O <1	O 0	
Nickel	ppm	() <1	O <1	O <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	() <1	O <1	O <1	
Vanadium	ppm	0	0	0	

Calcium p	ppm	0 40	O 61	○ 38	
Magnesium p	ppm	7	7	3	
Zinc p	ppm	142	236	153	
Phosphorus p	ppm	1095	897	947	
Barium p	ppm	0	O <1	O 0	
Boron p	ppm	218	145	○ 207	



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

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Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

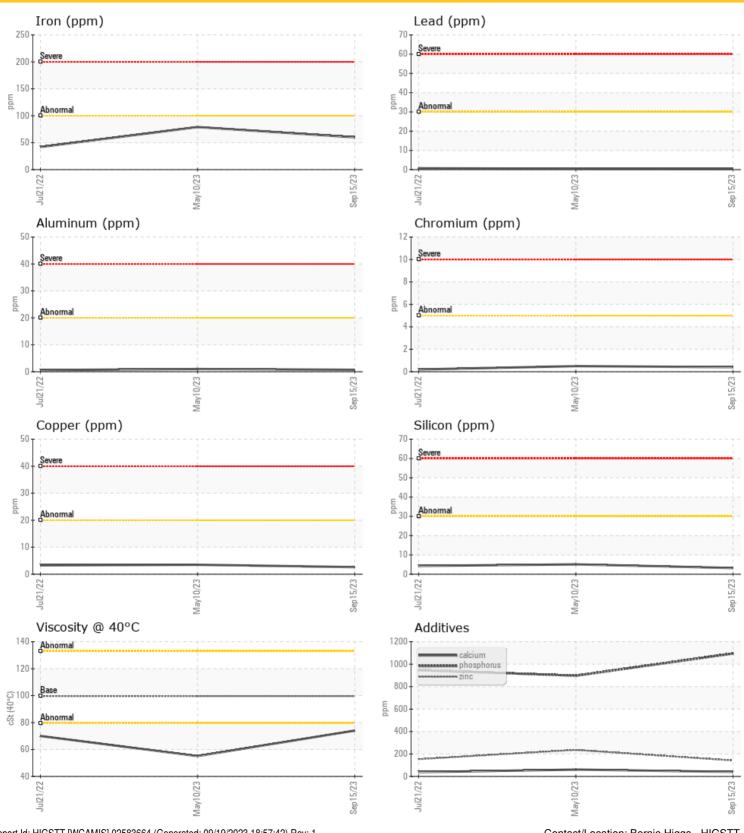
Depot:HIGSTTUnique No:5644729Signed:Wes DavisReport Date:19 Sep 2023

Contact/Location: Bernie Higgs - HIGSTT





GRAPHS



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