LIEBHERR

CONSTRUCTION EQUIPMENT



Sample No: LH0162716

Oil Type: PETRO CANADA TRAXON 75W90 SYNTHETIC



Water	%	NEG	NEG	NEG	
Silicon	ppm	4	O 1	4	
Sodium	ppm	2	O 2	19	
Potassium	ppm	0 <1	O <1	O <1	
WEAL	R METALS				
Iron	ppm	139	O 41	O 154	
Copper	ppm	5	7	O 11	
Lead	ppm	0	O <1	O <1	
Tin	ppm	0	O 0	O 0	
A I	10.10.100				

Iron	ppm	139	O 41	O 154	
Copper	ppm	5	O 7	O 11	
Lead	ppm	0	O <1	<1	
Tin	ppm	0	O 0	0	
Aluminum	ppm	4	1	02	
Chromium	ppm	1	O <1	1	
Molybdenum	ppm	12	6	18	
Nickel	ppm	<1	O <1	<1	
Titanium	ppm	0	0	0	
Silver	ppm	0	<1	0	
Manganese	ppm	<1	O <1	O 2	
Vanadium	ppm	0	0	0	

• αα	PPIII	•		•			
ADDITIVES							
	IIIAE2						
Calcium	ppm	119	O 11	3 3			
Magnesium	ppm	3	O <1	2			
Zinc	ppm	29	7	O 22			
Phosphorus	ppm	671	O 1451	2525			
Barium	ppm	() <1	O <1	O <1			
Boron	ppm	52	○ 325	285			





CLOUTHIER VENTURES LTD.

59 MATTHEWS STREET, R.R. # 5 PEMBROKE, ON

CA K8A 0A6

Contact: Travis Bennett tbennett@clouthierconst.com

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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: CLOPEM
Unique No: 5736434
Signed: Wes Davis
Report Date: 01 Mar 2024

Report Id: CLOPEM [WCAMIS] 02619324 (Generated: 03/01/2024 14:44:16) Rev: 1

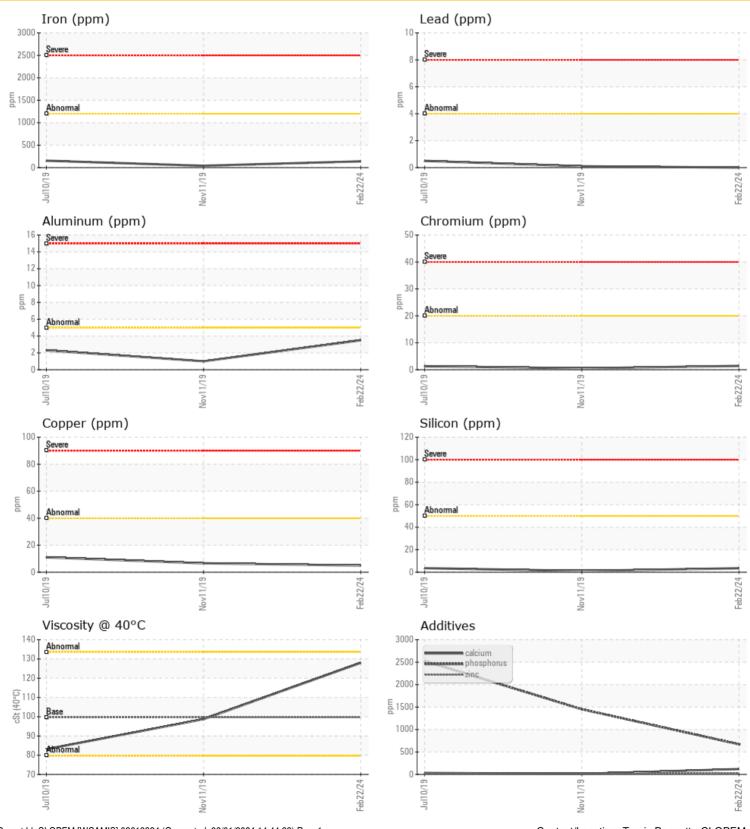
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GRAPHS



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Contact/Location: Travis Bennett - CLOPEM