CONSTRUCTION EQUIPMENT

102383 - Swing Drive

Sample No: LH0250717

Oil Type:

SAMPLE INFORMATION					
Sample Number	LH0250717	LH0186310			
Sample Date	20 Sep 2023	17 Oct 2021			
Machine Hours	4142	2934			
Oil Hours	0	0			
Oil Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL			
	NDITION				

PETRO CANADA TRAXON 75W90 SYNTHETIC

Visc @ 40°C

cSt

182

Со	NTAMIN/	TION		
Silicon	ppm	01	2	
Sodium	ppm	04	0 6	
Potassium	ppm	◯ <1	2	
-				

164

M				
WEA WEA	R META	LS		
Iron	ppm	0 128	0 199	
Copper	ppm	0 116	0 100	
Lead	ppm	3	03	
Tin	ppm	02	0 2	
Aluminum	ppm	0 🔘	◯ <1	
Chromium	ppm	<mark>○</mark> <1	01	
Molybdenum	ppm	0 🔘	◯ <1	
Nickel	ppm	<mark></mark> <1	○ <1	
Titanium	ppm	0	0	
Silver	ppm	<1	<1	
Manganese	ppm	◯ <1	2	
Vanadium	ppm	0	0	

34



Boron

ADDITIVES Calcium 27 ppm 0 50 23 Magnesium ppm 07 Zinc 26 26 ppm Phosphorus 2263 2030 ppm 06 Barium ppm 02

14





American Iron and Metal

75 Steel City Court Hamilton, ON CA L8H 3Y2 Contact: Heavy Equipment hamiltonmobileassetmaintenance@aim-recycling.com T: (905)547-5533 F: (905)544-5671

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:	AMEHAM		
Unique No:	5656367		
Signed:	Wes Davis		
Report Date:	06 Oct 2023		

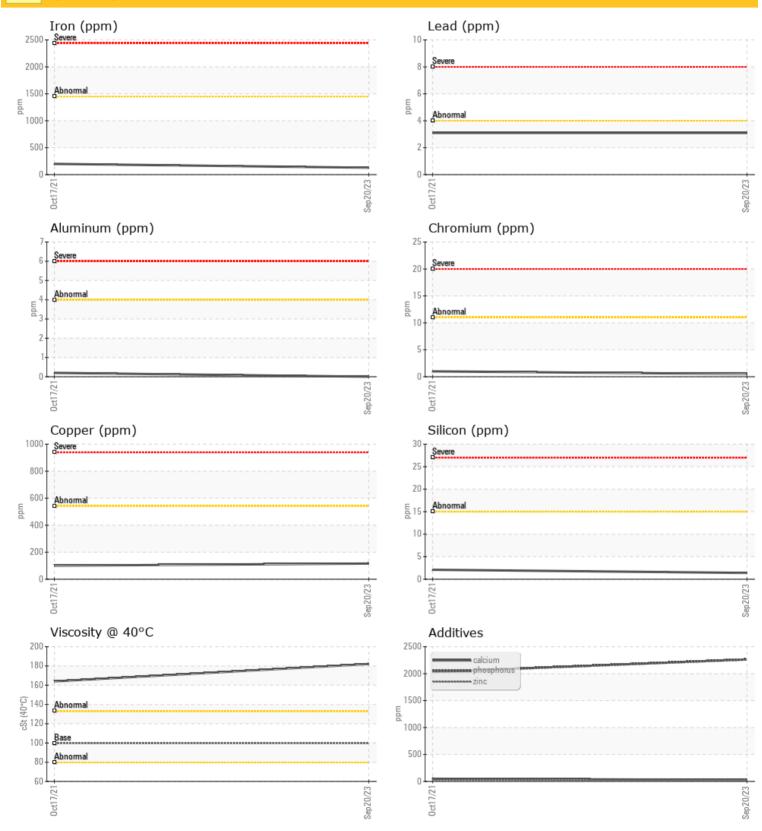
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

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Report Id: AMEHAM [WCAMIS] 02587301 (Generated: 10/06/2023 11:42:20) Rev: 1

Contact/Location: Heavy Equipment ? - AMEHAM