## CONSTRUCTION EQUIPMENT



## 100881 - Rear Differential

Sample No: LH0289623

Oil Type:

- **1** 

Sample Information					
Sample Number	LH0289623	LH0153885			
Sample Date	01 May 2024	16 Jun 2023			
Machine Hours	6972	5929			
Oil Hours	0	0			
Oil Changed	Changed	Changed			
Sample Status	NORMAL	NORMAL			
Oil Condition					
Visc @ 40°C cSt	<b>0</b> 106	0 107			

PETRO CANADA TRAXON 75W90 SYNTHETIC

Contamination					
Water	%	NEG	NEG		
Silicon	ppm	<b>○</b> <1	0 2		
Sodium	ppm	03	2		
Potassium	ppm	<b>○</b> <1	○ <1		

Ä				
	ar Metals			
			0.0	
Iron	ppm	0 5	3	 
Copper	ppm	02	0 2	 
Lead	ppm	0	0	 
Tin	ppm	0 🔘	0	 
Aluminum	ppm	0 🔘	◯ <1	 
Chromium	ppm	0 🔘	0	 
Molybdenum	ppm	0 🔘	◯ <1	 
Nickel	ppm	0	0	 
Titanium	ppm	0	0	 
Silver	ppm	0	0	 
Manganese	ppm	0 🔘	0	 
Vanadium	ppm	0	0	 

٥ **Additives** Calcium ppm 320 359 03 Magnesium ppm 03 Zinc 163 0 151 ppm Phosphorus 0 1218 ppm 0 1125 Barium 0  $\bigcirc 0$ ppm Boron 249 ppm 0 251



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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.

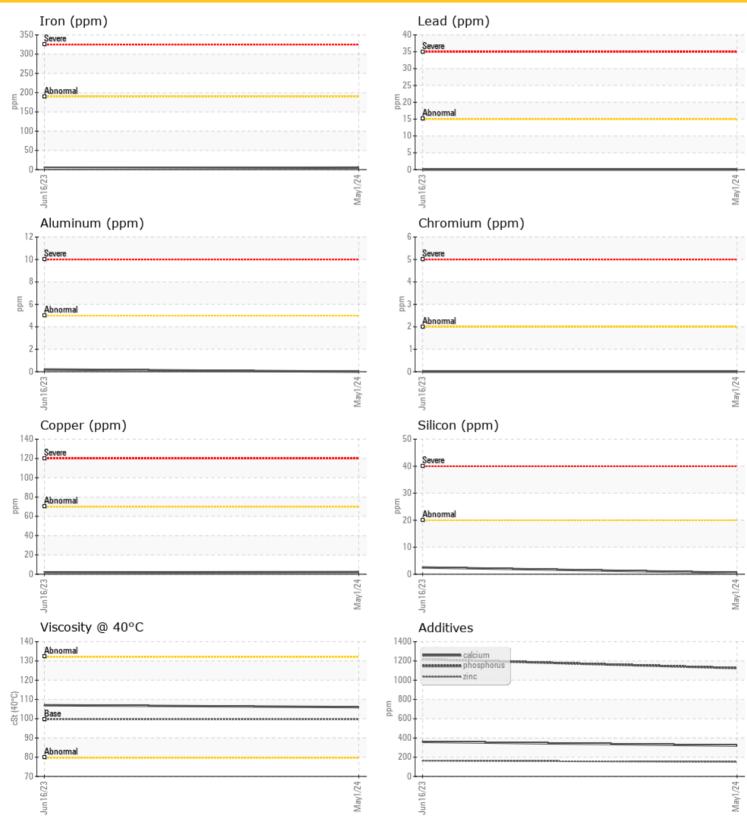
Depot:BAKOTTUnique No:5773991Signed:Wes DavisReport Date:02 May 2024Contact/Location: Marc Giguere - BAKOTT





Graphs

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Report Id: BAKOTT [WCAMIS] 02632838 (Generated: 05/02/2024 14:43:47) Rev: 1

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