CONSTRUCTION EQUIPMENT

113718-1216 - Pump Drive

Sample No: LH0279414

Oil Type:

SAMPLE INFORMATION						
Sample Number	LH0279414					
Sample Date	17 Jan 2024					
Machine Hours	9629					
Oil Hours	0					
Oil Changed	Not Changd					
Sample Status	NORMAL					

CHEVRON DELO SYNTHETIC GEAR 75W90

OIL CONDITION

Visc @ 40°C

cSt **0 80.1**

Water	%	NEG				
Silicon	ppm	0 5				
Sodium	ppm	○ <1				
Potassium	ppm	0 2				

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WEA	R METALS			
Iron	ppm	3	 	
Copper	ppm	○ <1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	3	 	
Chromium	ppm	0	 	
Molybdenum	ppm	45	 	
Nickel	ppm	0 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES

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Calcium	ppm	1049	 	
Magnesium	ppm	862	 	
Zinc	ppm	1173	 	
Phosphorus	ppm	0 1054	 	
Barium	ppm	0	 	
Boron	ppm	0 100	 	



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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.

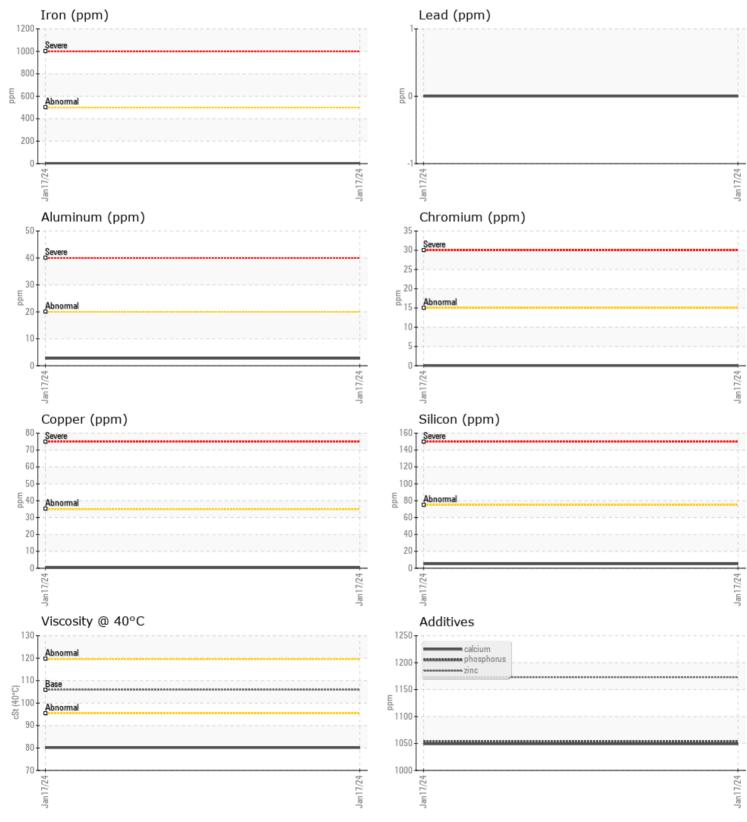
Depot:BAKOTTUnique No:5710820Signed:Kevin MarsonReport Date:18 Jan 2024





GRAPHS

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Contact/Location: Dan Dupelle - BAKOTT