CONSTRUCTION EQUIPMENT SW0067960 HERC VOLVO L70H 623539 - DIESEL ENGINE

Sample No: VCP430869

TOTATO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

Potassium

ppm

2

SWO067960 HERC

	INFORMATION			
Sample Number	-	VCP430869	 	
Sample Date		30 Nov 2023	 	
Machine Hours		1978	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON	DITION			
Visc @ 100°C	cSt	13.0	 	
Base Number (BN	N) mg KOH/g	8.9	 	
Oxidation (PA)	%	59	 	
VOLVO				
	MINATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	45	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	0	 	

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE PENSACOLA, FL JS 32534 Contact: HUGH DOBBS HDOBBS@COWIN.COM F: (850)479-3004 E: (850)474-1602

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

VOLVO					
	METALS				
	-	<u> </u>	<u>-</u>	<u>.</u>	
Iron	ppm	7			
Copper	ppm	 <1			
Lead	ppm	0			
Tin	ppm	0			
Aluminum	ppm	<u> </u>			
Chromium	ppm	2			
Molybdenum	ppm	133			
Nickel	ppm	0			
Titanium	ppm	<1			
Silver	ppm	0			
Manganese	ppm	0			
Vanadium	ppm	0			

ADDITIVES						
Calcium	ppm	1528				
Magnesium	ppm	654				
Zinc	ppm	896				
Phosphorus	ppm	802				
Barium	ppm	0				
Boron	ppm	380				

 Depot:
 VOLVO8247

 Unique No:
 10769476

 Signed:
 Jonathan Hester

 Report Date:
 06 Dec 2023

Report Id: VOLVO8247 [WUSCAR] 06024976 (Generated: 12/06/2023 17:34:00) Rev: 1

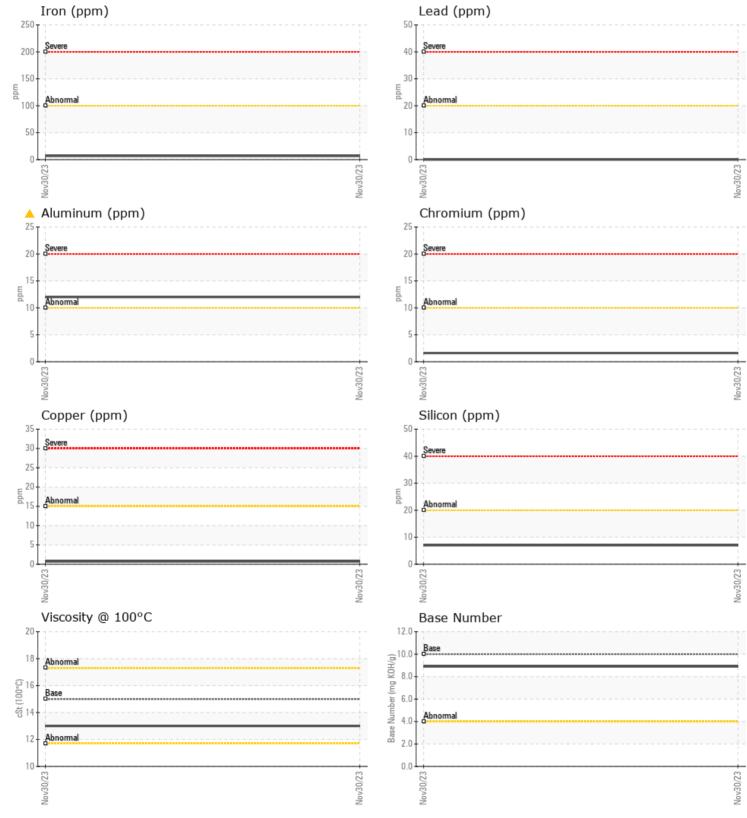
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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