CONSTRUCTION EQUIPMENT 607681 HERC VOLVO A30G 753403 - DIESEL ENGINE



Sample No: VCP440269 **Oil Type:** 607681 HERC

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

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Job No:

SAMPLE INFORMATION

Sample Number		VCP440269	 	
Sample Date		22 Sep 2023	 	
Machine Hours		589	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDIT	LION			
Visc @ 100°C	cSt	13.7	 	
Base Number (BN)	mg KOH/g	6.1	 	
Oxidation (PA)	%	60	 	
CONTAMIN	IATION			
Soot %	%	0.1	 	

Soot %	%	0.1	 	
Nitration (PA)	%	79	 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	24	 	
Sodium	ppm	7	 	
Potassium	ppm	7	 	

WEAR ME	TALS			
Iron	ppm	29	 	
Copper	ppm	<u> </u>	 	
Lead	ppm	3	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	1	 	
Molybdenum	ppm	88	 	
Nickel	ppm	0	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES					
Calcium	ppm	1634			
Magnesium	ppm	753			
Zinc	ppm	885			
Phosphorus	ppm	735			
Barium	ppm	■ <1			
Boron	ppm	218			
DOION	PPIII				



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC

9601 BOGGY CREEK RD ORLANDO, FL US 32824 Contact: Robert LaPlante robert.laplante@altg.com T: (407)508-9736 F: (407)659-8720

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other metal levels are typical for a new component breaking in. 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.

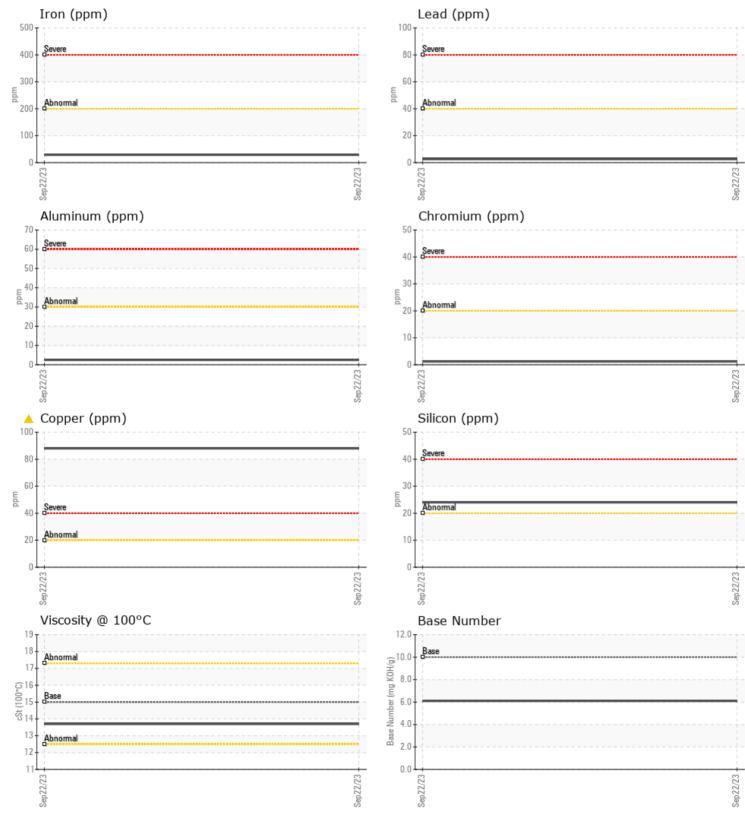
Depot: VOLVO0096 Unique No: 10670488 Signed: Don Baldridge Report Date: 01 Oct 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0096 [WUSCAR] 05963937 (Generated: 10/01/2023 12:54:39) Rev: 1

Contact/Location: Robert LaPlante - VOLVO0096