CONSTRUCTION EQUIPMENT RS0036083 VOLVO A25G 752018 - DIESEL ENGINE



Sample No:VCP408627Oil Type:VOLVO ULTR/

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

RSO036083

SAMPLE INFORMATION VCP408627 Sample Number Sample Date 28 Nov 2023 Machine Hours 3150 Oil Hours 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt **12.3** Base Number (BN) mg KOH/g 8.4 Oxidation (PA) 65 % CONTAMINATION NEG % Water

Soot %	%	0.2	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	0.2	 	
Silicon	ppm	8	 	
Sodium	ppm	 <1	 	
Potassium	ppm	■4	 	

WFAR MFT

WEAR I	METALS			
Iron	ppm	17	 	
Copper	ppm	9	 	
Lead	ppm	0	 	
Tin	ppm	■<1	 	
Aluminum	ppm	4	 	
Chromium	ppm	■<1	 	
Molybdenum	ppm	127	 	
Nickel	ppm	4	 	
Titanium	ppm	<1	 	
Silver	ppm	■<1	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1583				
Magnesium	ppm	640				
Zinc	ppm	876				
Phosphorus	ppm	763				
Barium	ppm	0				
Boron	ppm	295				



COWIN EQUIPMENT COMPANY

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

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO8247

 Unique No:
 10769475

 Signed:
 Jonathan Hester

 Report Date:
 11 Dec 2023

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Report Id: VOLVO8247 [WUSCAR] 06024975 (Generated: 12/11/2023 21:57:53) Rev: 1
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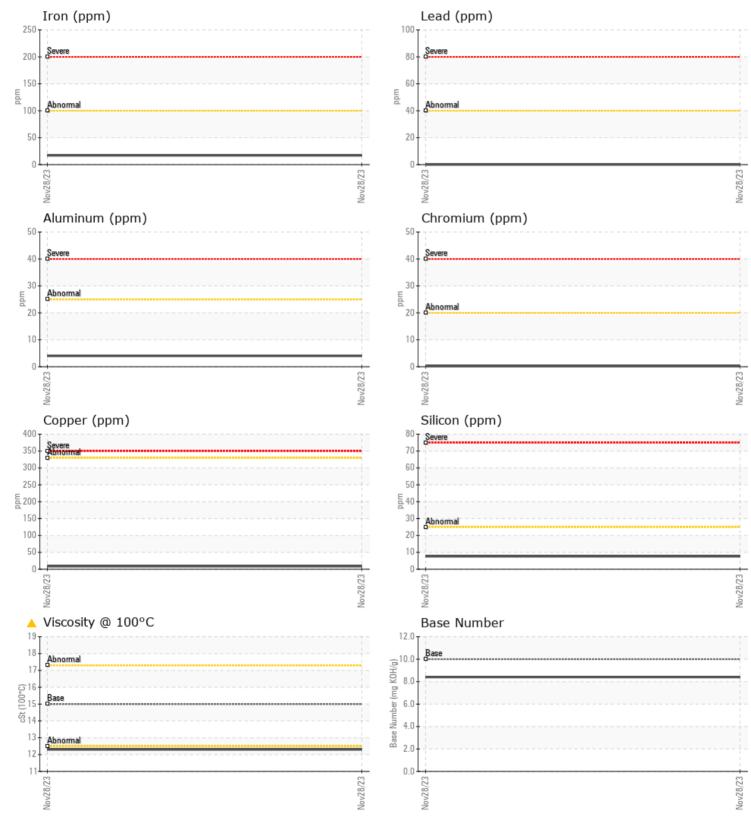
Contact/Location: HUGH DOBBS - VOLVO8247

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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