VOLVO

CONSTRUCTION EQUIPMENT VOLVO EC200 314855 - DIESEL ENGINE 9784



Sample No: VCP417955

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 9784

Job No:

SAMPLE INFORMATION VCP417955 Sample Number Sample Date 17 Oct 2023 Machine Hours 527 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.4 Base Number (BN) mg KOH/g 6.6 Oxidation (PA) 51 % CONTAMINATION

Soot %	%	0.5	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	52	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	23	 	
Sodium	ppm	4	 	
Potassium	ppm		 	

WEAR I	METALS			
Iron	ppm	75	 	
Copper	ppm	11	 	
Lead	ppm	0	 	
Tin	ppm	3	 	
Aluminum	ppm	23	 	
Chromium	ppm	5	 	
Molybdenum	ppm	9	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	4	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	2187					
Magnesium	ppm	146					
Zinc	ppm	1111					
Phosphorus	ppm	820					
Barium	ppm	□<1					
Boron	ppm	1 4					



MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE

4601 WASHINGTON BOULEVARD BALTIMORE, MD US 21227 Contact: MARK CIULLA mciulla@mcclung-logan.com T: (410)242-6500 F: (410)242-7835

Diagnosis

Resample at the next service interval to monitor.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 suitable for further service.

Depot: VOLVO0150 Unique No: 10711591 Signed: Wes Davis Report Date: 26 Oct 2023

Report Id: VOLVO0150 [WUSCAR] 05988929 (Generated: 10/27/2023 23:19:52) Rev: 1

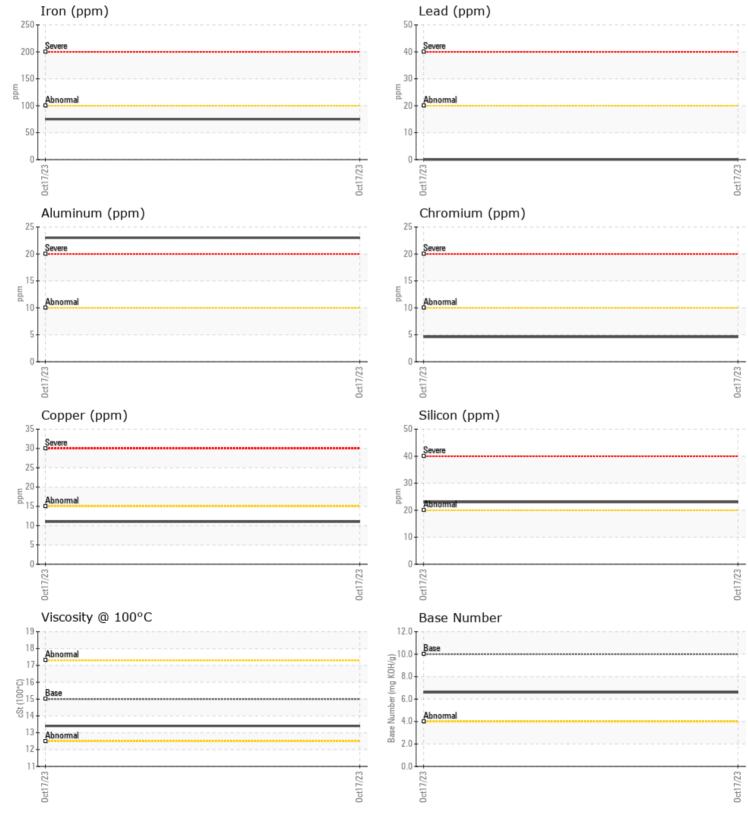
Contact/Location: MARK CIULLA - VOLVO0150

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: MARK CIULLA - VOLVO0150