CONSTRUCTION EQUIPMENT 633628 VOLVO EC480 315270 - DIESEL ENGINE



Sample No: VCP442783 Oil Type: VOLVO ULT

VOLVO

Туре:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
No:	633628

Job No:

SAMPLE INFORMATION

Sample Number	-	VCP442783	 	
Sample Date		07 Dec 2023	 	
Machine Hours		574	 	
Oil Hours		574	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CON				
Visc @ 100°C	cSt	10.7	 	
-				
Base Number (BN		5.1	 	
Oxidation (PA)	%	67	 	
VOLVO				
CONTAM	IINATION			
Water	%	NEG	 	
Soot %	%	0.1	 	
Nitration (PA)	%	89	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	0.7	 	
Silicon	ppm	26	 	
Sodium	ppm	3	 	
Potassium	ppm	4	 	

WEAR METALS							
Iron	ppm	11					
Copper	ppm	<u> </u>					
Lead	ppm	0					
Tin	ppm	2					
Aluminum	ppm	3					
Chromium	ppm	0					
Molybdenum	ppm	78					
Nickel	ppm	 <1					
Titanium	ppm	<1					
Silver	ppm	0					
Manganese	ppm	4					
Vanadium	ppm	0					

ADDITIVES 2084 Calcium ppm 106 Magnesium ppm Zinc ppm 1147 976 Phosphorus ppm Barium **||** <1 ppm 28 Boron ppm



BLAZE CONSTRUCTION

5640 ST JEAN ST DETROIT, MI US 48213 Contact: DAVE WARD dward@blazecontracting.net T: (248)632-2317 F:

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. In the absence of other significant wear metals, suspect copper due to sources other than wear (i.e. cooling core). All other metal levels are typical for a new component breaking in. 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:
 BLADET

 Unique No:
 10794194

 Signed:
 Sean Felton

 Report Date:
 22 Dec 2023

Report Id: BLADET [WUSCAR] 06038965 (Generated: 12/22/2023 09:57:17) Rev: 1

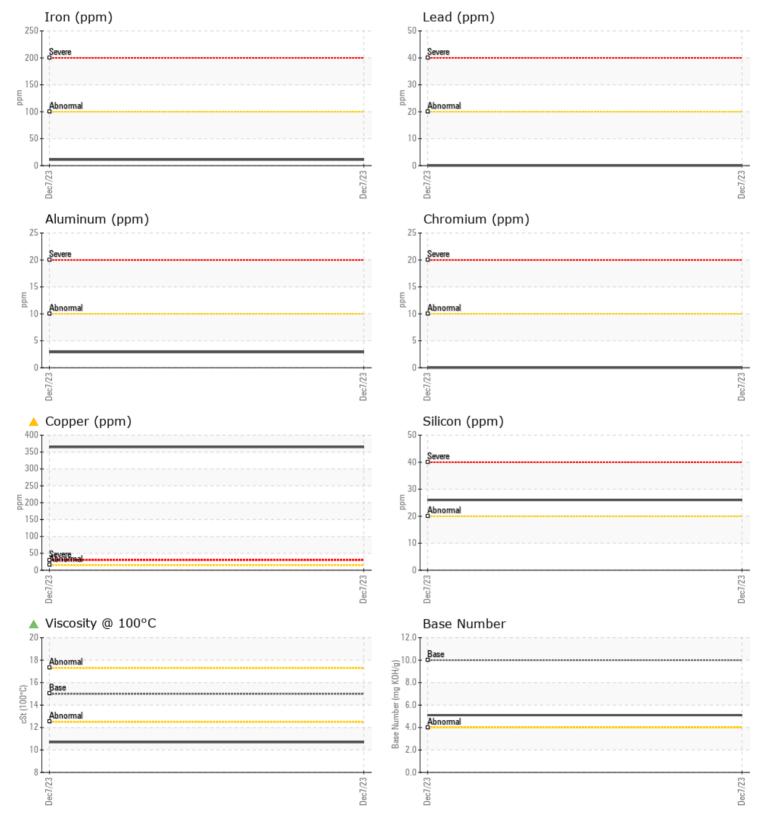
Contact/Location: DAVE WARD - BLADET

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DAVE WARD - BLADET