CONSTRUCTION EQUIPMENT



 Sample No:
 VCP447912

 Oil Type:
 VOLVO ULT

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

10132 MULFORD

SAMPLE	INFORMATION			
Sample Number		VCP447912	 	
Sample Date		16 Jan 2024	 	
Machine Hours		683	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CON	DITION			
Visc @ 100°C	cSt	11.0	 	
Base Number (BN	I) mg KOH/g	5.4	 	
Oxidation (PA)	%	63	 	
CONTAM	IINATION			
Water	%	NEG	 	
Soot %	%	0.3	 	
Nitration (PA)	%	86	 	
Sulfation (PA)	%	58	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	
Silicon	ppm	37	 	
Sodium	ppm	4	 	
Potassium	ppm	2	 	
WEAR M	IETALS		 	

33 Iron ppm 181 Copper ppm Lead 2 ppm Tin ppm 2 Aluminum ppm 2 **||** <1 Chromium ppm Molybdenum ppm 80 Nickel **4** ppm Titanium <1 ppm Silver **||** <1 ppm Manganese ppm 4 Vanadium ppm <1

ADDITIVES									
Calcium	ppm	2091							
Magnesium	ppm	97							
Zinc	ppm	1235							
Phosphorus	ppm	1011							
Barium	ppm	□<1							
Boron	ppm	1 9							



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

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.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:
 VOLVO0150

 Unique No:
 10845561

 Signed:
 Sean Felton

 Report Date:
 25 Jan 2024

Report Id: VOLVO0150 [WUSCAR] 06068884 (Generated: 01/25/2024 22:07:02) Rev: 1

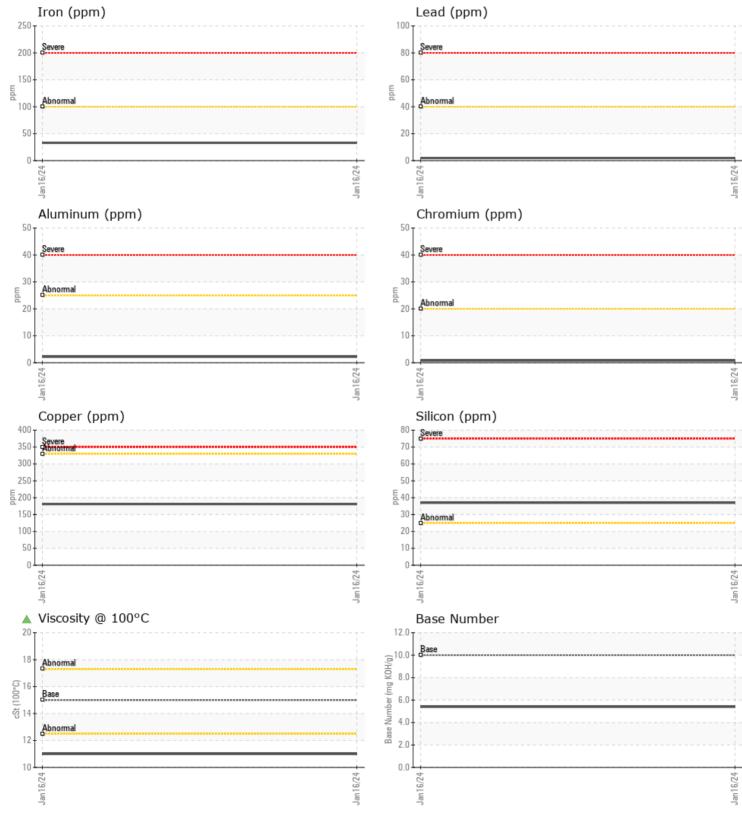
Contact/Location: MARK CIULLA - VOLVO0150

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: MARK CIULLA - VOLVO0150