CONSTRUCTION EQUIPMENT 310041 VOLVO EC480E 311308 - DIESEL ENGINE



 Sample No:
 VCP412947

 Oil Type:
 DIESEL ENGINE OIL SAE 30

 Job No:
 310041

SAMPLE INFORMATION

VOLVO

Sample Number	-	VCP412947		
Sample Date		20 Aug 2023		
Machine Hours		2193		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		NORMAL		
OIL CONDI	TION			
			-	
Visc @ 100°C	cSt	11.8		
Base Number (BN)	mg KOH/g	6.9		
Oxidation (PA)	%	86		
CONTAMIN				
	IATION			
Soot %	%	0.1		
Nitration (PA)	%	83		
Sulfation (PA)	%	61		
Glycol	%	NEG		
Fuel	%	1.7		
Silicon	ppm	8		
Sodium	ppm	□ <1		
Potassium	ppm	□ <1		

WEAD MET

WEAR M	ILIALS			
Iron	ppm	7	 	
Copper	ppm	4	 	
Lead	ppm	1	 	
Tin	ppm	1	 	
Aluminum	ppm	 <1	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	50	 	
Nickel	ppm	■ <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

Variadia

Magnesium ppm 436 Zinc ppm 1032	
Zinc ppm 1032	
Phosphorus ppm B50	
Barium ppm 🔲 0 ·	
Boron ppm 27 ·	



ALTA EQUIPMENT

5985 COURT STREET ROAD SYRACUSE, NY US 13206 Contact: JIM STRIGLE JIM.STRIGLE@ALTG.COM T: (315)437-2611 F: (315)434-9471

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm.

All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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:
 VOLV00142

 Unique No:
 10630067

 Signed:
 Wes Davis

 Report Date:
 01 Sep 2023

Report Id: VOLVO0142 [WUSCAR] 05939455 (Generated: 09/01/2023 09:36:29) Rev: 1

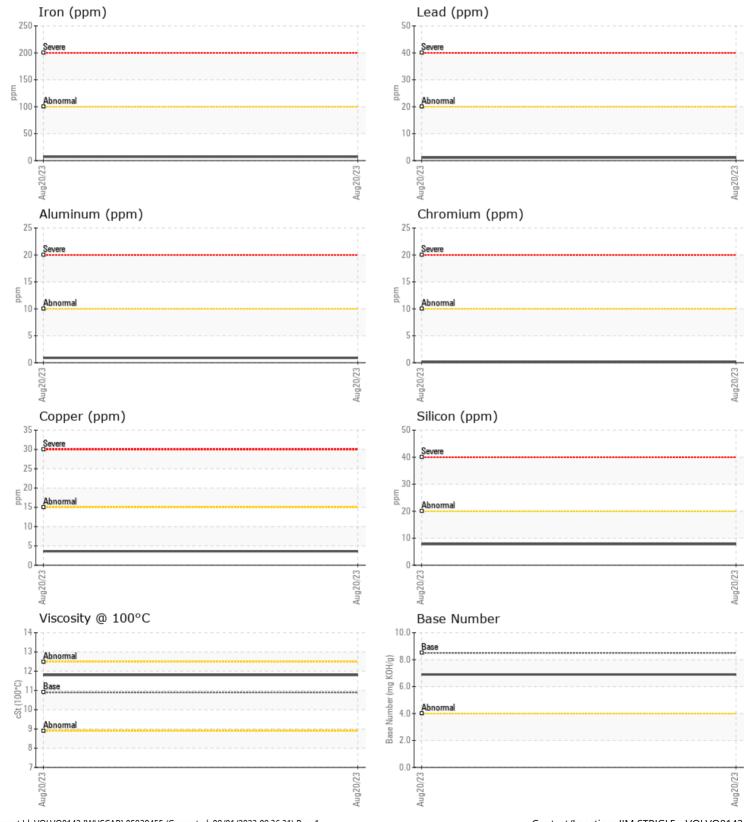
Contact/Location: JIM STRIGLE - VOLVO0142

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: JIM STRIGLE - VOLVO0142