CONSTRUCTION EQUIPMENT

 Sample No:
 VCP414555

 Oil Type:
 DIESEL ENGINE OIL SAE 50

 Job No:
 13455

VOLVO

SAMPLE INFORMATION VCP414555 Sample Number Sample Date 20 Sep 2023 Machine Hours 1200 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 17.2 Base Number (BN) mg KOH/g 6.6 Oxidation (PA) 69 %

CONTAM	MINATION			
Soot %	%	0.7	 	
Nitration (PA)	%	75	 	
Sulfation (PA)	%	60	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	2	 	
Potassium	ppm	7	 	

WEAR METALS

WEAK I	METALS			
Iron	ppm	20	 	
Copper	ppm	1 3	 	
Lead	ppm	 <1	 	
Tin	ppm		 	
Aluminum	ppm	0	 	
Chromium	ppm		 	
Molybdenum	ppm	7	 	
Nickel	ppm		 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	<1	 	

ADDITIVES								
ppm	2041							
ppm	46							
ppm	1141							
ppm	863							
ppm	0							
ppm	114							
	ppm ppm ppm ppm	ppm 46 ppm 1141 ppm 863 ppm 0	ppm 46 ppm 1141 ppm 863 ppm 0	ppm 46 ppm 1141 ppm 863 ppm 0				



McClung-Logan Virginia LLC- RICHMOND

1345 MOUNTAIN ROAD GLEN ALLEN, VA US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T:

F: (804)266-1611

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 50. Please confirm.

All component wear rates are normal. 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:
 VOLVO8882

 Unique No:
 10660731

 Signed:
 Wes Davis

 Report Date:
 26 Sep 2023

Report Id: VOLVO8882 [WUSCAR] 05959518 (Generated: 09/28/2023 03:35:21) Rev: 1

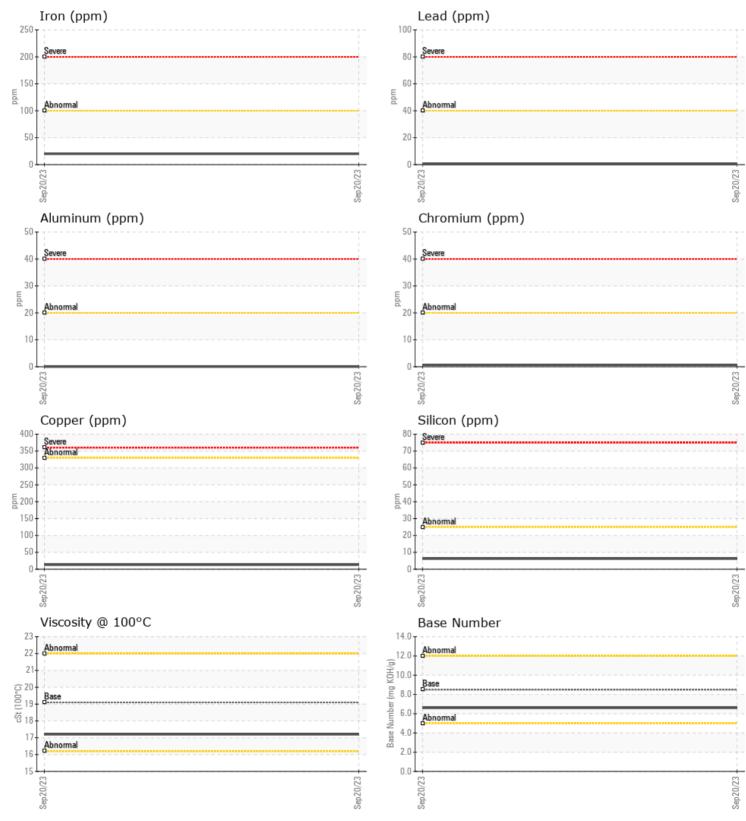
Contact/Location: KYLE RATLIFFE - VOLVO8882

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KYLE RATLIFFE - VOLVO8882