CONSTRUCTION EQUIPMENT X58471 VOLVO EC250ELR 316068 - DIESEL ENGINE



 Sample No:
 VCP4065517

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 X58471

SAMPLE INFORMATION

VOLVO

	-		 -	-
Sample Number		VCP4065517	 	
Sample Date		21 Aug 2023	 	
Machine Hours		1719	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONDI				
Visc @ 100°C	cSt	13.0	 	
Base Number (BN)	mg KOH/g	■8.1	 	
Oxidation (PA)	%	68	 	
VOLVO				
Contamin	IATION			
Soot %	%	0.1	 	
Nitration (PA)	%	65	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	 <1	 	
Potassium	ppm	9	 	

WEAR METALS

WLAK	METALS			
Iron	ppm	9	 	
Copper	ppm	2	 	
Lead	ppm	□<1	 	
Tin	ppm	0	 	
Aluminum	ppm	4	 	
Chromium	ppm	■<1	 	
Molybdenum	ppm	89	 	
Nickel	ppm	0	 	
Titanium	ppm	4	 	
Silver	ppm	0	 	
Manganese	ppm	□<1	 	
Vanadium	ppm	0	 	

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ADDITIVES							
Calcium	ppm	1663					
Magnesium	ppm	458					
Zinc	ppm	1336					
Phosphorus	ppm	1132					
Barium	ppm	0					
Boron	ppm	472					



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997

SAINT ROSE, LA US 70087 Contact: DANA FOSHEE dfoshee@scottcompanies.com T: (504)461-0961 F: (504)461-0970

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 40. 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:
 SCOSAI

 Unique No:
 10617197

 Signed:
 Wes Davis

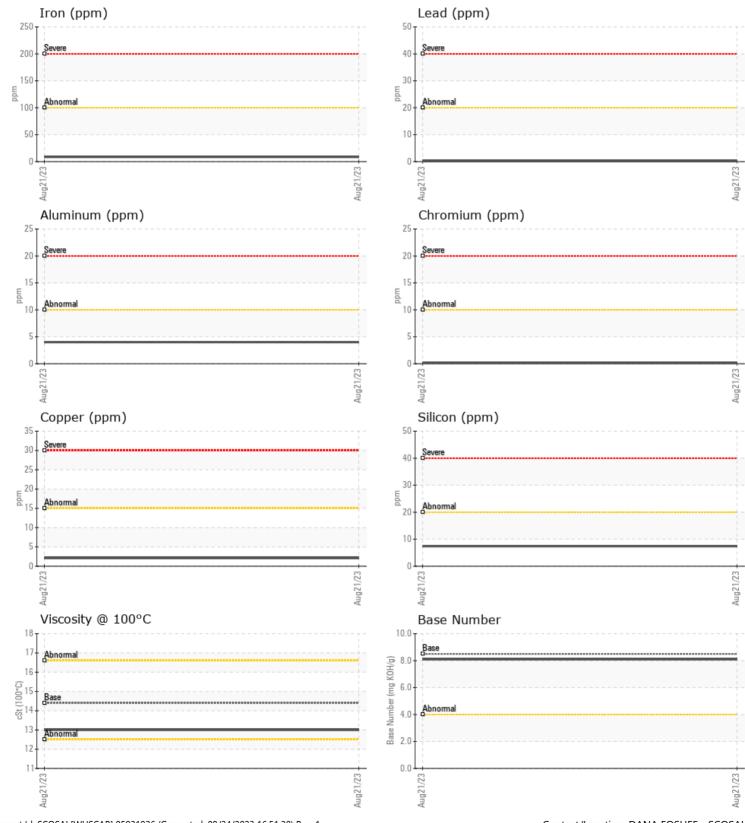
 Report Date:
 24 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05931926 (Generated: 08/24/2023 16:51:20) Rev: 1

Contact/Location: DANA FOSHEE - SCOSAI