CONSTRUCTION EQUIPMENT X58535 VOLVO EC250ELR 310199 - DIESEL ENGINE

Sample No:	VCP413482
Oil Type:	DIESEL ENGINE OIL SAE 40
Job No:	X58535

VOLVO

SAMPLE INFORMATION VCP413482 Sample Number Sample Date 22 Jan 2024 Machine Hours 8494 Oil Hours 0 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.9 Base Number (BN) mg KOH/g 10.3 Oxidation (PA) 82 % CONTAMINATION

Water	%	NEG	 	
Soot %	%		 	
Nitration (PA)	%	54	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	6	 	
Sodium	ppm	4	 	
Potassium	ppm	 <1	 	

WEAR METALS

	ML I ALS			
Iron	ppm	4	 	
Copper	ppm		 	
Lead	ppm	0	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	39	 	
Nickel	ppm	 <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITI	VES			
Calcium	ppm	1526	 	
Magnesium	ppm	479	 	
Zinc	ppm	1031	 	
Phosphorus	ppm	907	 	
Barium	ppm	□<1	 	
Boron	ppm	47	 	



SCOTT EQUIPMENT COMPANY LLC - Saint Rose PO BOX 997

SAINT ROSE, LA US 70087 Contact: DENISE CORVERS dcorvers@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:
 10847966

 Signed:
 Wes Davis

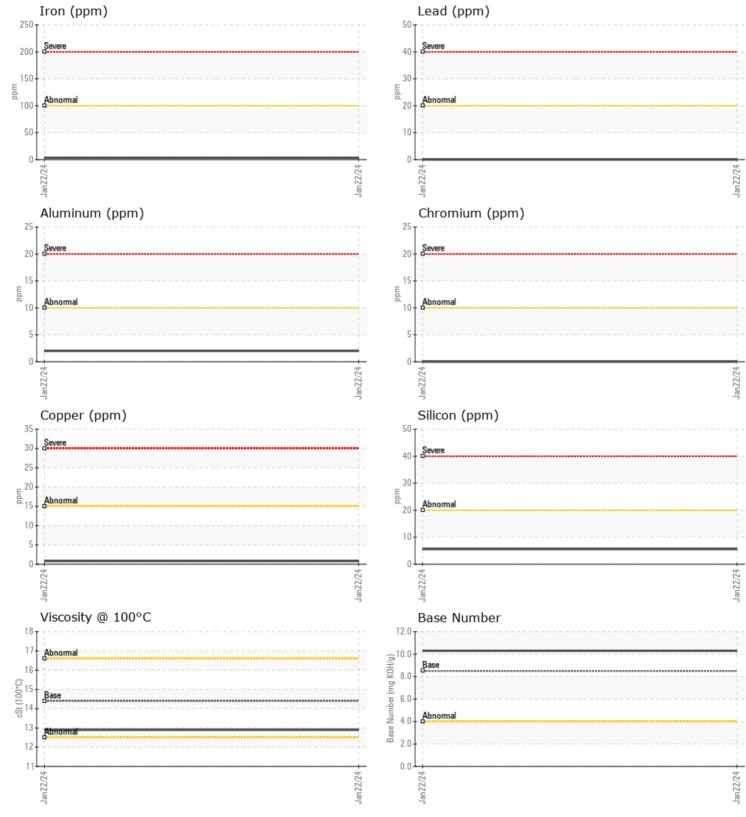
 Report Date:
 26 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DENISE CORVERS - SCOSAI