CONSTRUCTION EQUIPMENT X58955 VOLVO EC300EL 312302 - DIESEL ENGINE



 Sample No:
 VCP413375

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 X58955

SAMPLE INFORMATION Sample Number VCP413375 Sample Date 11 Dec 2023 Machine Hours 2733 Oil Hours 0 Oil Changed N/A ABNORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.6 Base Number (BN) mg KOH/g 5.6 Oxidation (PA) 76 %

CONTAM	MINATION			
Water	%	NEG	 	
Soot %	%	0.2	 	
Nitration (PA)	%	84	 	
Sulfation (PA)	%	67	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 3	 	
Sodium	ppm	2	 	
Potassium	ppm	10	 	

WEAR METAL

WLAK I	METALS			
Iron	ppm	33	 	
Copper	ppm	4	 	
Lead	ppm	■<1	 	
Tin	ppm	2	 	
Aluminum	ppm	4 10	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	17	 	
Nickel	ppm		 	
Titanium	ppm	2	 	
Silver	ppm	0	 	
Manganese	ppm	■<1	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	2035						
Magnesium	ppm	246						
Zinc	ppm	1283						
Phosphorus	ppm	1067						
Barium	ppm	0						
Boron	ppm	72						



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

No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other 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 acceptable for the time in service.

 Depot:
 SCOSAI

 Unique No:
 10802530

 Signed:
 Sean Felton

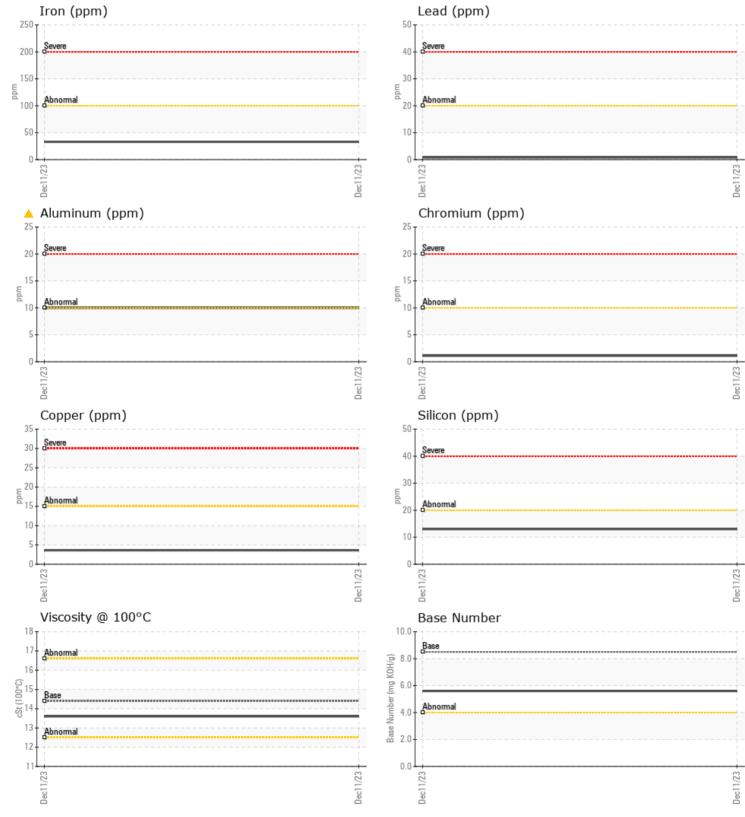
 Report Date:
 22 Dec 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 06041922 (Generated: 12/22/2023 14:09:20) Rev: 1

Contact/Location: DENISE CORVERS - SCOSAI