CONSTRUCTION EQUIPMENT X58251 VOLVO EC250ELR 310708 - DIESEL ENGINE



 Sample No:
 VCP413437

 Oil Type:
 NOT GIVEN

 Job No:
 X58251

VOLVO

VOLVO				
SAMPLE IN	FORMATION			
Sample Number		VCP413437	 	
Sample Date		11 Jul 2023	 	
Machine Hours		2639	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.5	 	
Base Number (BN)	mg KOH/g	8.8	 	
Oxidation (PA)	%	90	 	
<u> </u>	-		 -	
Soot %	%	0.3	 	
Nitration (PA)	%	83	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	11	 	
Sodium	ppm	3	 	
Potassium	ppm	18	 	
WEAR ME	TAIS			

WEAR I	METALS			
Iron	ppm	28	 	
Copper	ppm	10	 	
Lead	ppm	2	 	
Tin	ppm	3	 	
Aluminum	ppm	<u> </u>	 	
Chromium	ppm	2	 	
Molybdenum	ppm	37	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	■ <1	 	
Manganese	ppm	1	 	
Vanadium	ppm	0	 	

Vanadiu

ADDITIVES							
Calcium	ppm	1801					
Magnesium	ppm	578					
Zinc	ppm	990					
Phosphorus	ppm	778					
Barium	ppm	0					
Boron	ppm	27					
Doron	ppiii						



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

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 suitable for further service.

 Depot:
 SCOSAI

 Unique No:
 10559737

 Signed:
 Don Baldridge

 Report Date:
 17 Jul 2023

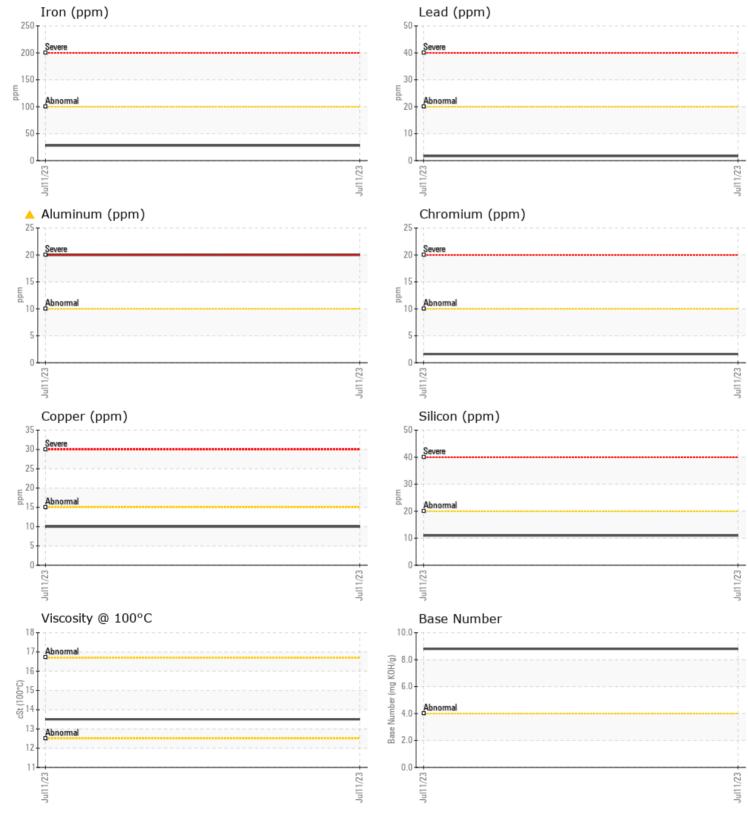
Contact/Location: DANA FOSHEE - SCOSAI

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SCOSAI [WUSCAR] 05898381 (Generated: 07/17/2023 17:23:33) Rev: 1

Contact/Location: DANA FOSHEE - SCOSAI