CONSTRUCTION EQUIPMENT X58889 VOLVO ECR145EL 315361 - DIESEL ENGINE



 Sample No:
 VCP426131

 Oil Type:
 NOT GIVEN

 Job No:
 X58889

VOLVO

SAMPLE INFORMATION VCP426131 Sample Number Sample Date 16 Nov 2023 Machine Hours 466 Oil Hours 0 Oil Changed N/A NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.1 Base Number (BN) mg KOH/g 9.5 Oxidation (PA) 62 % CONTAMINATION NEG Water % % Soot % 0.1 Nitration (PA) 47 % Sulfation (PA) % 62 Glycol % NEG Fuel % <1.0 Silicon ppm 9 🔲 Sodium ppm 2 Potassium ppm ■ <1

WEAR METALS

WEAR I	METALS			
Iron	ppm	37	 	
Copper	ppm	∎1	 	
Lead	ppm	□<1	 	
Tin	ppm		 	
Aluminum	ppm	1 4	 	
Chromium	ppm	∎1	 	
Molybdenum	ppm	118	 	
Nickel	ppm	1	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	<1	 	

ADDITIVES								
Calcium	ppm	1465						
Magnesium	ppm	648						
Zinc	ppm	847						
Phosphorus	ppm	710						
Barium	ppm	0						
Boron	ppm	352						



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Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.Metal levels are typical for a new component breaking in. 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.

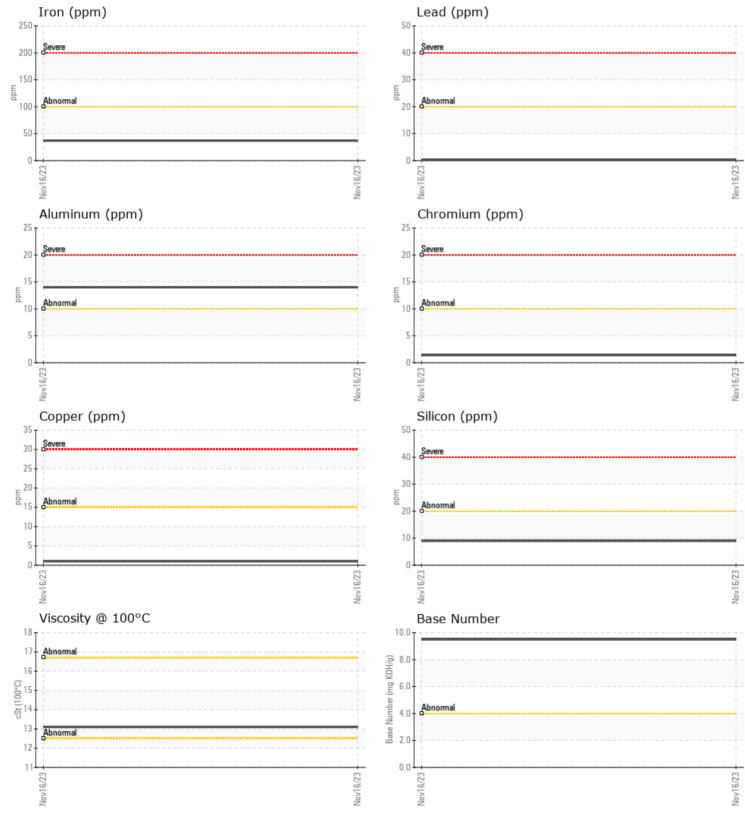
Depot:SCOSAIUnique No:10752970Signed:Wes DavisReport Date:22 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DANA FOSHEE - SCOSAI