CONSTRUCTION EQUIPMENT 6852 MCINTYRE TURF VOLVO EC220EL 314583 - DIESEL ENGINE

Sample No: VCP411946

VOLVO

Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:6852 MCINTYRE TURF

SAMPLE INFORMATION

Sample Number	-	VCP411946					
Sample Date		28 Aug 2023					
Machine Hours		277					
Oil Hours		0					
Oil Changed		Changed					
Sample Status		NORMAL					
Visc @ 100°C	cSt	13.4					
Base Number (BN)	mg KOH/g	■7.1					
Oxidation (PA)	%	37					
CONTAMINATION							
Water	%	NEG					
Soot %	%	■0.1					
Nitration (PA)	%	53					
Sulfation (PA)	%	44					
Glycol	%	NEG					
Fuel	%	<1.0					
Silicon	ppm	1 4					
Sodium	ppm	□ <1					
Potassium	ppm	4					

WEAR I	METALS			
Iron	ppm	34	 	
Copper	ppm	7	 	
Lead	ppm	□<1	 	
Tin	ppm	2	 	
Aluminum	ppm	2	 	
Chromium	ppm	3	 	
Molybdenum	ppm	6	 	
Nickel	ppm	5	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	

ADDITIVES							
Calcium	ppm	2170					
Magnesium	ppm	73					
Zinc	ppm	969					
Phosphorus	ppm	818					
Barium	ppm	11					
Boron	ppm	12					



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Diagnosis

Resample at the next service interval to monitor.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:ASCMACUnique No:10782862Signed:Wes DavisReport Date:14 Dec 2023

Report Id: ASCMAC [WUSCAR] 06033071 (Generated: 12/14/2023 10:33:35) Rev: 1

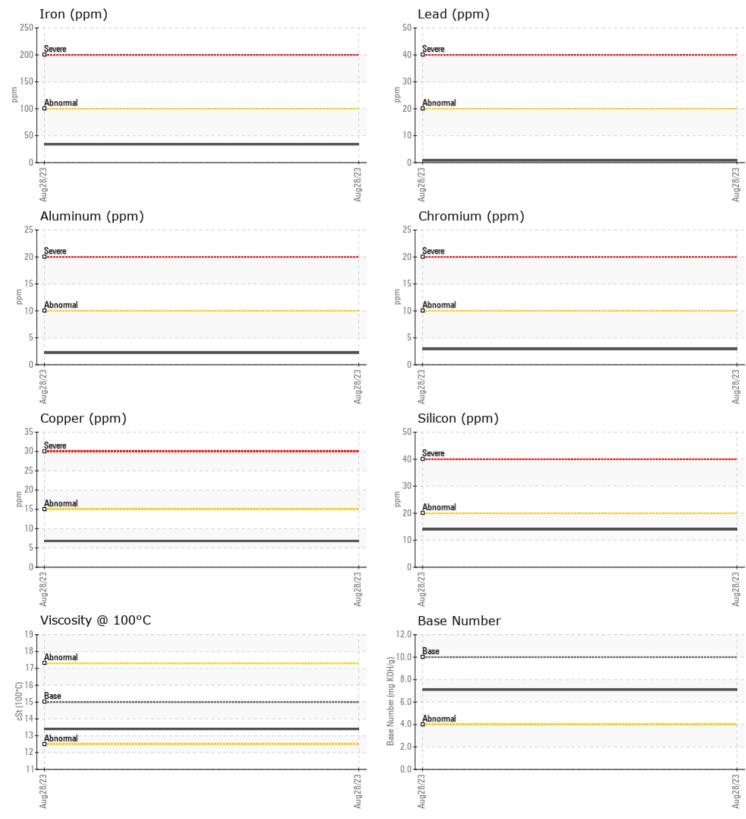
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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