CONSTRUCTION EQUIPMENT SYNERGY HOMES 8000383628 VOLVO EC350E 314628 - DIESEL

Sample No: VCP380158 **Oil Type:**

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE INFORMATION Sample Number

8000383628

Sample Number	-	VCP380158		
Sample Date		02 Nov 2023		
Machine Hours		610		
Oil Hours		610		
Oil Changed		Changed		
Sample Status		ABNORMAL		
OIL COND	ITION			
Visc @ 100°C	cSt	11.8		
Oxidation (PA)	%	53		
CONTAMI	NATION		_	
Soot %	%	0		
Nitration (PA)	%	64		
Sulfation (PA)	%	59		

Sulfation (PA)	%	59	 	
Glycol	%	0.0	 	
Fuel	%	1.2	 	
Silicon	ppm	24	 	
Sodium	ppm	6	 	
Potassium	ppm	2	 	

VEAR METALS

Iron	ppm	17	 	
Copper	ppm	464	 	
Lead	ppm	11	 	
Tin	ppm	1	 	
Aluminum	ppm	2	 	
Chromium	ppm	0	 	
Molybdenum	ppm	21	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm		 	
Manganese	ppm	2	 	
Vanadium	ppm	0	 	

Calcium	ppm	2189				
Magnesium	ppm	41				
Zinc	ppm	1009				
Phosphorus	ppm	866				
Barium	ppm	 <1				
Boron	ppm	9				



STRONGCO EQUIPMENT INC.

55 ISNOR DRIVE, BURNSIDE INDUSTRIALPARK DARTMOUTH, NS CA B3B 1N6 Contact: Justin Hennigar jhennigar@strongco.com T: (902)468-5010 F: (902)468-2468

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time.Metal levels are typical for a components first oil change. Light fuel dilution occurring. No other contaminants were detected in the oil. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. The condition of the oil is acceptable for the time in service.

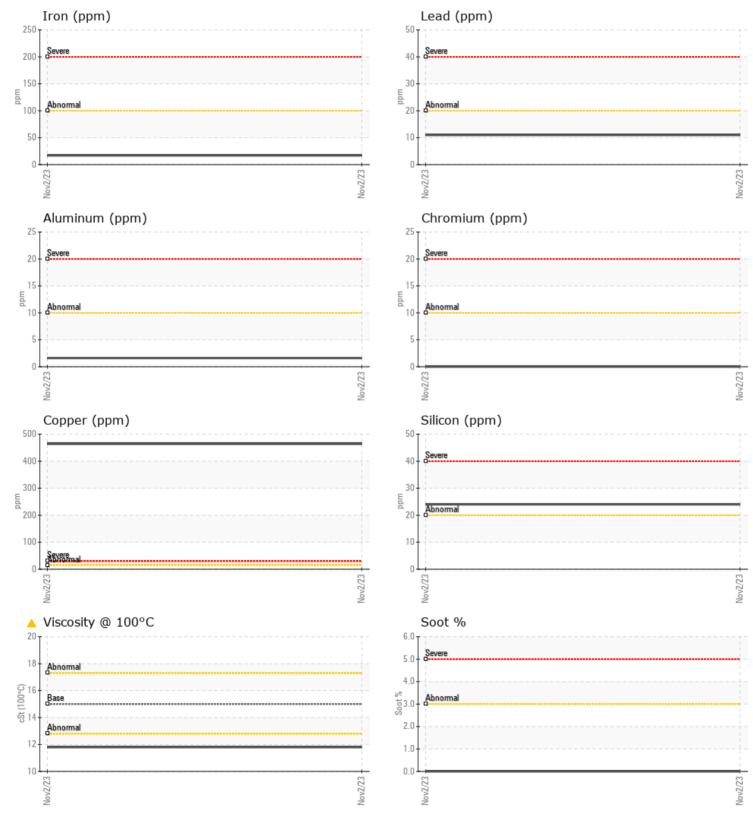
Depot: SHEDAR Unique No: 5671667 Signed: Kevin Marson Report Date: 08 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Justin Hennigar - SHEDAR