CONSTRUCTION EQUIPMENT

ARCHIBALD DRILLING 8000373408 VOLVO EC480EHR 391004-

Sample No: VCP380283 **Oil Type:** Job No:

VOLVO

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3 8000373408

SAMPLE INFORMATION VCP380283 Sample Number Sample Date 26 Jul 2023 Machine Hours 959 Oil Hours 500 Oil Changed Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.2 Oxidation (PA) % 81 CONTAMINATION % 0 🔲 Soot % Nitration (PA) % 68

Nitration (FA)	70	00		
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	■1.1	 	
Silicon	ppm	8	 	
Sodium	ppm	2	 	
Potassium	ppm	□ <1	 	

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Iron	ppm	11	 	
Copper	ppm	3	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	37	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	1701						
Magnesium	ppm	456						
Zinc	ppm	1012						
Phosphorus	ppm	943						
Barium	ppm	0						
Boron	ppm	42						



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 new component breaking in. Light fuel dilution occurring. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

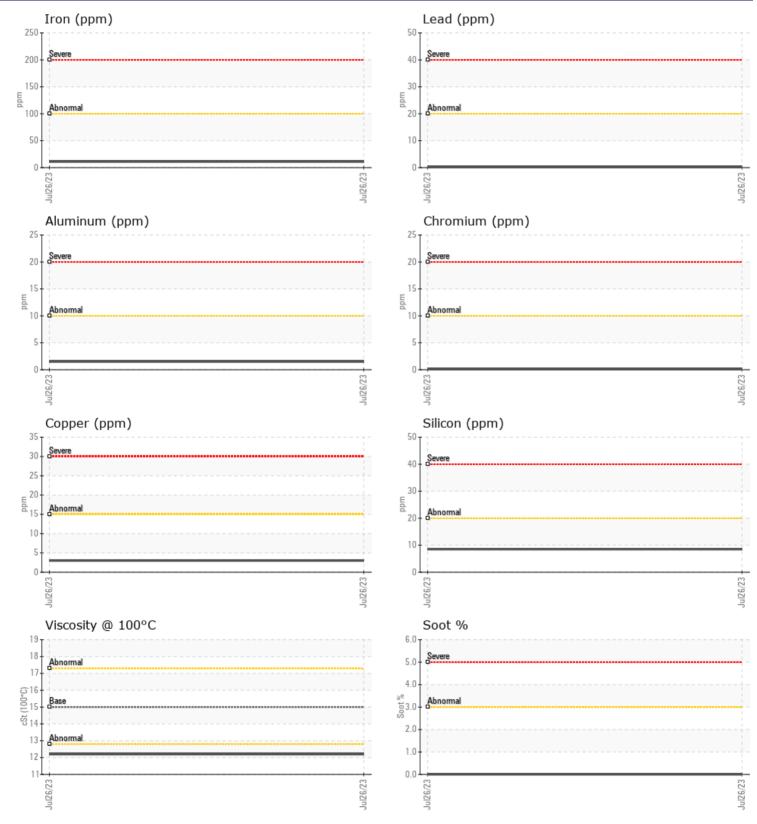
Depot: SHEDAR Unique No: 5618692 Signed: Wes Davis Report Date: 03 Aug 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SHEDAR [WCAMIS] 02573641 (Generated: 08/03/2023 12:50:23) Rev: 1

Contact/Location: Justin Hennigar - SHEDAR