CONSTRUCTION EQUIPMENT 8-381487 VOLVO A40G 353346 - DIESEL ENGINE



 Sample No:
 VCP297844

 Oil Type:
 DIESEL ENGINE OIL SAE 40

 Job No:
 8-381487

SAMPLE INFORMATION

VOLVO

Sample Number		VCP297844	VCP352187	
Sample Date		13 Oct 2023	07 Jul 2023	
Machine Hours		2010	1098	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		NORMAL	NORMAL	
OIL CON	DITION			
Visc @ 100°C	cSt	12.6	11.5	
Oxidation (PA)	%	82	56	
CONTAM	INATION			
Soot %	%	0.2	0	
Nitration (PA)	%	74	57	

Nitration (PA)	%	74	57	
Sulfation (PA)	%	64	54	
Glycol	%	NEG	0.0	
Fuel	%	<1.0	0.8	
Silicon	ppm	6	8	
Sodium	ppm	3	2	
Potassium	ppm	0	<1	

🎾 WEAR METALS

WEAR M	ETALS			
Iron	ppm	1 3	11	
Copper	ppm	41	142	
Lead	ppm	1	4	
Tin	ppm	 <1	<1	
Aluminum	ppm	2	1	
Chromium	ppm	 <1	 <1	
Molybdenum	ppm	46	81	
Nickel	ppm	2	1	
Titanium	ppm	0	0	
Silver	ppm	 <1	0	
Manganese	ppm	 <1	<1	
Vanadium	ppm	0	0	

VOLVO

ADDITIVES					
Calcium	ppm	1728	1782		
Magnesium	ppm	484	385		
Zinc	ppm	1101	1131		
Phosphorus	ppm	919	1016		
Barium	ppm	 <1	0		
Boron	ppm	20	52		



STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 Contact: Jason Roth JRoth2@strongco.com T: (905)670-5100 F: (905)670-2338

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 SHEMIS

 Unique No:
 5671669

 Signed:
 Wes Davis

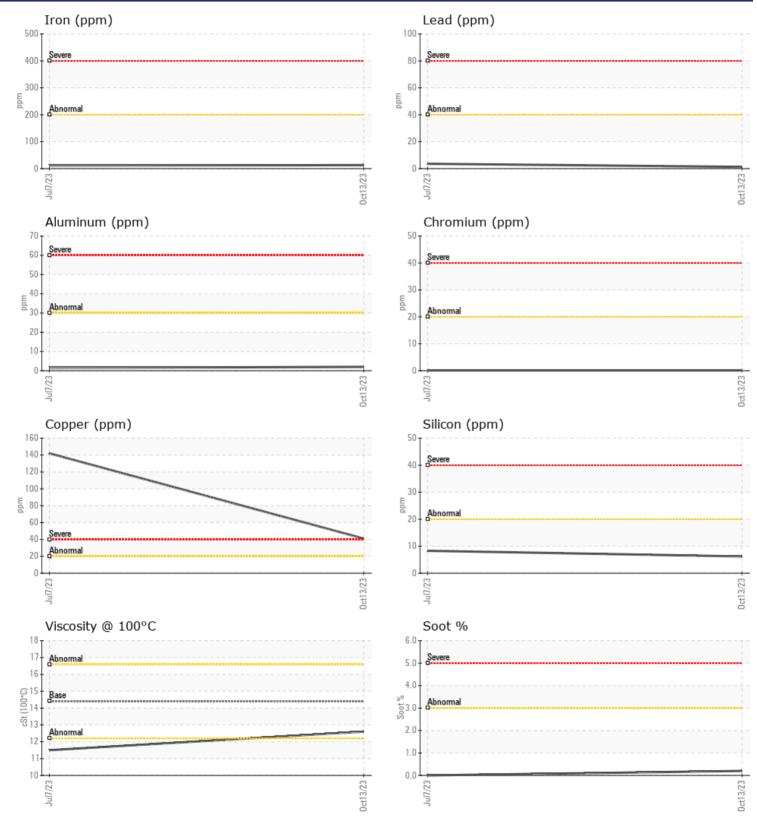
 Report Date:
 07 Nov 2023

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Jason Roth - SHEMIS