

 Sample No:
 VCP430148

 Oil Type:
 DIESEL ENGINE OIL SAE 30

 Job No:
 8-405357

Sample Number		VCP430148	VCP353435	 	
Sample Date		23 May 2024	24 Aug 2023	 	
Machine Hours		1590	1040	 	
Oil Hours		500	1000	 	
Oil Changed		Changed	Changed	 	
Sample Status		NORMAL	NORMAL	 	
VOLVO					
VIL CONI	DITION				
Visc @ 100°C	cSt	12.4	12.9	 	
Oxidation (PA)	%	96	86	 	

Contan	MINATION			
Water	%	NEG	NEG	
Soot %	%	0	0	
Nitration (PA)	%	76	70	
Sulfation (PA)	%	66	65	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	<1.0	
Silicon	ppm	5	4	
Sodium	ppm	3	4	
Potassium	ppm	0	0	

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.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.

VOLVO				
WEAR M	AFTAI S			
			<u>.</u>	
Iron	ppm	1 3	12	
Copper	ppm	1	3	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	2	2	
Chromium	ppm	0	<1	
Molybdenum	ppm	42	45	
Nickel	ppm	 <1	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	<1	
Vanadium	ppm	0	0	

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ADDITIVES						
Calcium	ppm	1791	1773			
Magnesium	ppm	518	514			
Zinc	ppm	1100	1128			
Phosphorus	ppm	950	1009			
Barium	ppm	■ <1	< 1			
Boron	ppm	4 3	44			

 Depot:
 SHEMIS

 Unique No:
 5787590

 Signed:
 Wes Davis

 Report Date:
 29 May 2024

 Contact/Location:
 Jason Roth - SHEMIS

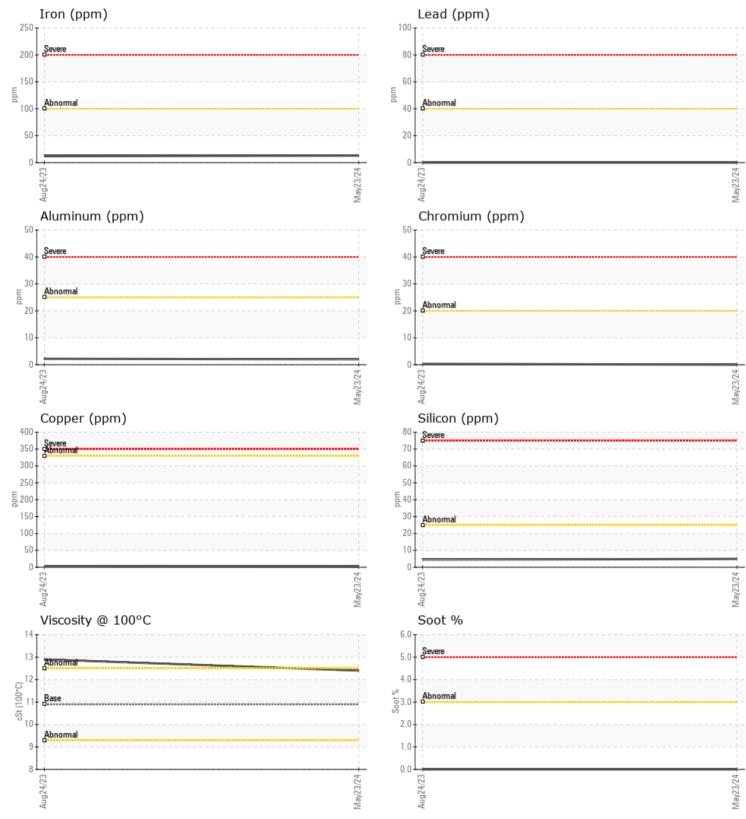
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Jason Roth - SHEMIS