CONSTRUCTION EQUIPMENT 8-381499 VOLVO L 180H 5658 - DIESEL ENGINE



 Sample No:
 VCP429731

 Oil Type:
 DIESEL ENGINE OIL SAE 30

 Job No:
 8-381499

SAMPLE INFORMATION

VOLVO

Sample Number		VCP429731	VCP394585	
Sample Date		12 Oct 2023	28 Jun 2023	
Machine Hours		1010	549	
Oil Hours		0	0	
Oil Changed		Changed	Not Changd	
Sample Status		NORMAL	NORMAL	
OIL COND	ITION			
Visc @ 100°C	cSt	11.4	11.1	
Oxidation (PA)	%	73	64	
CONTAMI	NATION			
Soot %	%	0.2	0	

Nitration (PA)	%	81	76	
Sulfation (PA)	%	65	57	
Glycol	%	0.0	NEG	
Fuel	%	0.8	0.7	
Silicon	ppm	19	22	
Sodium	ppm	4	4	
Potassium	ppm	2	4	

🎾 WEAR METALS

Iron	ppm	1 7	12	
Copper	ppm	124	215	
Lead	ppm	4	6	
Tin	ppm	2	2	
Aluminum	ppm	2	2	
Chromium	ppm	0	0	
Molybdenum	ppm	74	84	
Nickel	ppm		<1	
Titanium	ppm	0	0	
Silver	ppm		0	
Manganese	ppm	2	2	
Vanadium	ppm	0	0	

VOLVO

Calcium	ppm	2062	2169		
Magnesium	ppm	149	43		
Zinc	ppm	1111	1157		
Phosphorus	ppm	907	1052		
Barium	ppm	 <1	0		
Boron	ppm	20	42		



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

No corrective action is recommended at this time. 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 30. Please confirm. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The condition of the oil is

acceptable for the time in service.

Depot:SHEMISUnique No:5671668Signed:Wes DavisReport Date:08 Nov 2023

Report Id: SHEMIS [WCAMIS] 02594589 (Generated: 11/08/2023 09:33:18) Rev: 1

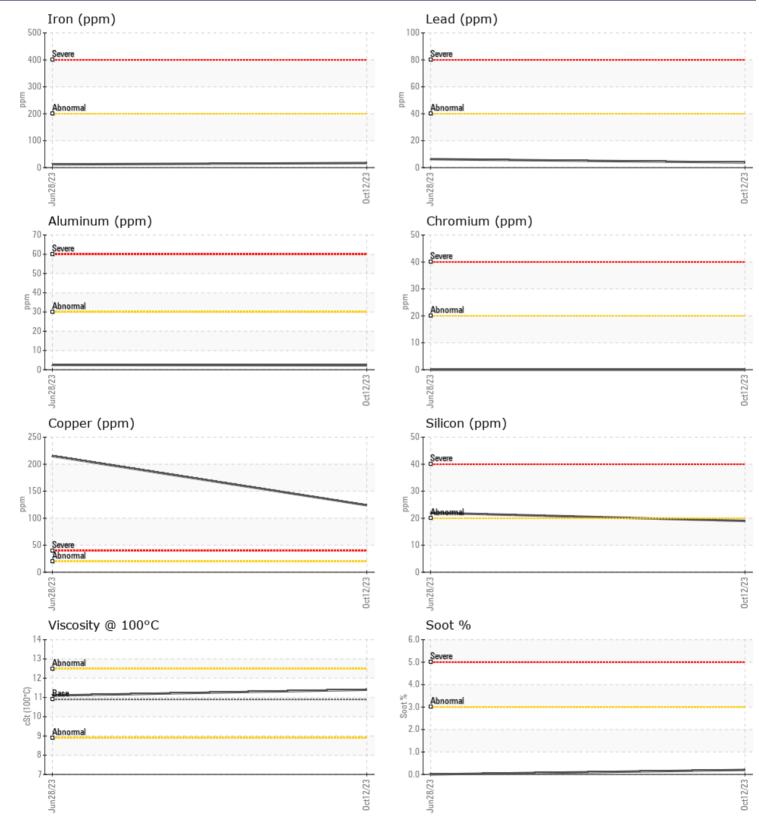
Contact/Location: Jason Roth - SHEMIS

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: SHEMIS [WCAMIS] 02594589 (Generated: 11/08/2023 09:33:21) Rev: 1

Contact/Location: Jason Roth - SHEMIS