

CONSTRUCTION EQUIPMENT VOLVO L 180H 5354 - DIESEL ENGINE



VCP392886 Sample No:

Job No:

	INFORMATION			
Sample Number	-	VCP392886	 	
Sample Date		30 Jan 2024	 	
Machine Hours		17821	 	
Oil Hours		0	 	
Oil Changed		N/A	 	
Sample Status		NORMAL	 	
OIL CONI	DITION			
Visc @ 100°C	cSt	12.8	 	
Oxidation (PA)	%	86	 	
	INATION		 	
Water	%	NEG	 	
Soot %	%		 	
Nitration (PA)	%	62	 	
Sulfation (PA)	%	63	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	3	 	
Sodium	ppm	2	 	
Potassium	ppm	1	 	
	le le			
WEAR M	FTAIS			
Iron	ppm	5	 	
Copper	ppm		 	
Lead	ppm		 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	4 0	 	
-	1.1			
Nickel	ppm	 <1	 	

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD MISSISSAUGA, ON CA L4W 4L4 **Contact: Janice Cripps** jcripps@strongco.com T: (905)565-3876 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.

WEAR N	METALS			
Iron	ppm	5	 	
Copper	ppm	 <1	 	
Lead	ppm	 <1	 	
Tin	ppm	0	 	
Aluminum	ppm	1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	40	 	
Nickel	ppm		 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

ADDITIVES								
Calcium	ppm	1726						
Magnesium	ppm	502						
Zinc	ppm	1104						
Phosphorus	ppm	940						
Barium	ppm	0						
Boron	ppm	34						

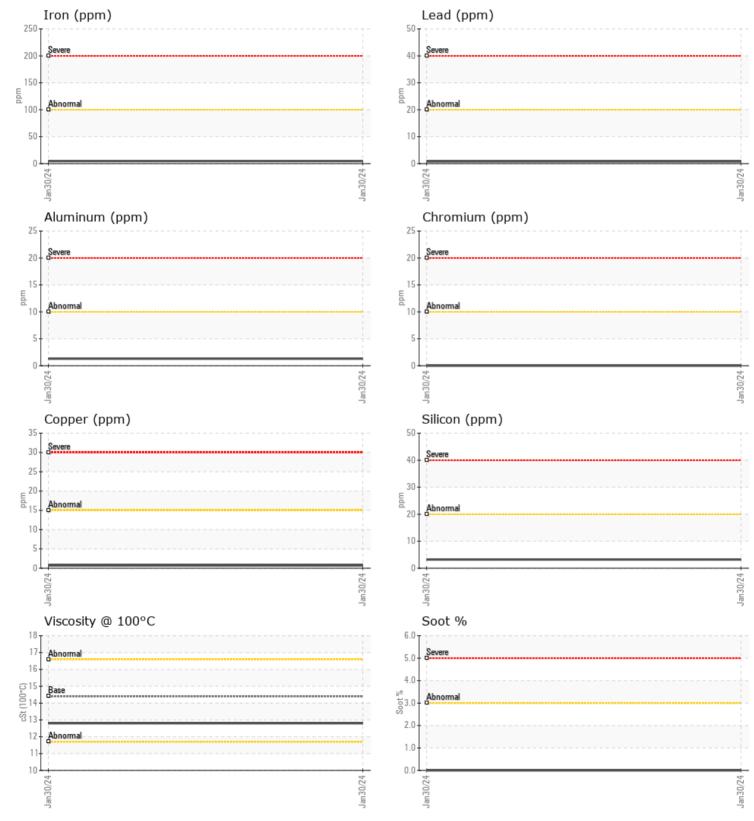
Depot: SHEMIS Unique No: 5721449 Signed: Wes Davis Report Date: 31 Jan 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: Janice Cripps - SHEMIS