

CONSTRUCTION EQUIPMENT VOLVO EC950F 410081 - DIESEL ENGINE



Sample No:VCP412780Oil Type:NOT GIVEN

Job No:

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

	FORMATION			
		VCP412780	VCP393284	-
Sample Number				
Sample Date		31 Oct 2023	17 Mar 2023	
Machine Hours		2973	1146	
Oil Hours		0	0	
Oil Changed		Changed	N/A	
Sample Status		ATTENTION	NORMAL	
VOLVO				
OIL CONDIT	ION			
visc @ 100°C	cSt	13.4	11.8	
Base Number (BN)	ma KOH/a	8.9	7.4	
Oxidation (PA)	%	67	69	
		-		
VOLVO				
CONTAMIN	ATION			
Soot %	%	∎1.1	1.3	
Nitration (PA)	%	76	87	
Sulfation (PA)	%	63	64	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	1.1	
Silicon	ppm	6	11	
Sodium	ppm	121	2	
Potassium	ppm	9	8	
WEAR MET				
<u> </u>	ALS			
Iron	ppm	10	23	
Copper	ppm	2	86	
Lead	ppm	0	□ <1	
Tin	ppm	■ <1	2	
Aluminum	ppm	5	7	
Chromium	ppm	■ <1	1	
Molybdenum	ppm	92	79	
Nickel	ppm	3	3	
Titanium	ppm	<1	<1	
Silver	ppm	0	0	
Manganese	ppm	<1	<1	
Vanadium	ppm	<1	0	

1740

505

892

2

125

741

403 - ASCENDUM MACHINERY INC - FARGO

3739 38TH ST SW, SUITE E FARGO, ND US 58104 Contact: SCOTT HANSON scott.hanson@ascendummachinery.com T: F: (701)356-4072

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. Sodium and/or potassium levels are high. Test for glycol is negative. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot:ASCFARUnique No:10723720Signed:Jonathan HesterReport Date:03 Nov 2023

1464

673

990

807

— <1

132

ppm

ppm

ppm

ppm

ppm

ppm

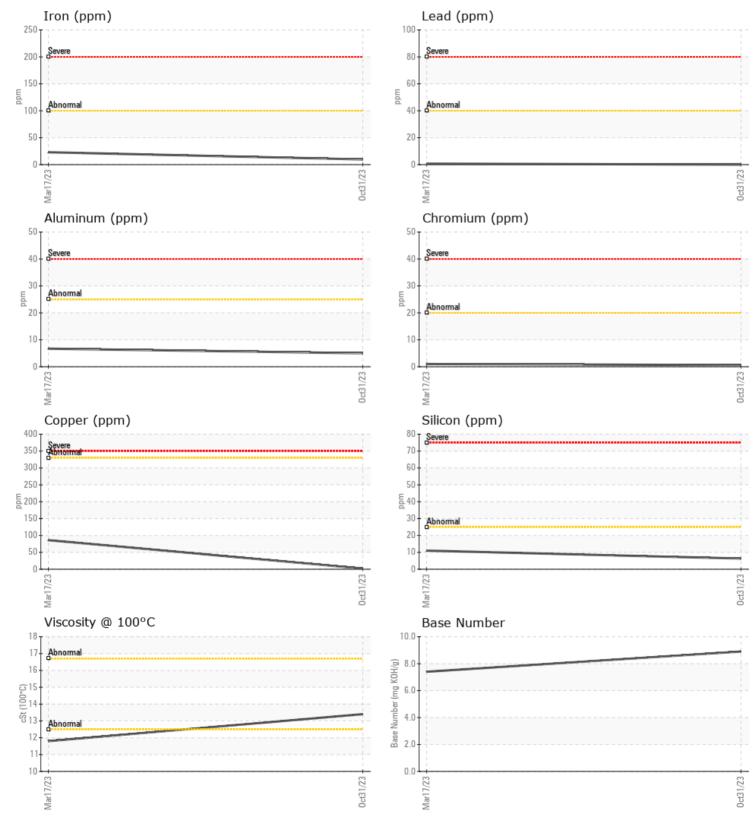
Contact/Location: SCOTT HANSON - ASCFAR

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: SCOTT HANSON - ASCFAR