

CONSTRUCTION EQUIPMENT FORD F250 SHOP TRUCK - DIESEL ENGINE



Sample No: VCP441692

Oil Type:	SHELL ROTELLA T 5W40
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Job No:

VOLVO				
SAMPLE IN	FORMATION			
Sample Number		VCP441692	 	
Sample Date		25 Mar 2024	 	
Machine Hours		5500	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
Sample Status		NORMAL		
VOLVO				
VIL CONDI	TION			
Visc @ 100°C	cSt	14.0	 	
Base Number (BN)	mg KOH/g	6.3	 	
Oxidation (PA)	%	78	 	
VOLVO				
Contamin	IATION			
Water	%	NEG	 	
Soot %	%	0.5	 	
Nitration (PA)	%	86	 	
Sulfation (PA)	%	62	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	7	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	
WEAR ME	τλις			
<u> </u>				
Iron	ppm	21	 	
Copper	ppm	1	 	
Lead	ppm	0	 	
Tin	ppm	0	 	
Aluminum	ppm	4	 	
Chromium	ppm	□ <1	 	
Molybdenum	ppm	1	 	
Nickel	ppm	 <1	 	
Titanium	ppm	 <1	 	
Silver	ppm	0	 	
Manganese	ppm	 <1	 	
Vanadium	ppm	<1	 	
Calcium	ppm	2178	 	
Magnesium	ppm	110	 	
Zinc	ppm	1228	 	
Phosphorus	ppm	1030	 	
Barium	ppm	0	 	
Boron	ppm	138	 	

VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD SACRAMENTO, CA US 95826 Contact: RAY KRANZUSCH ray.kranzusch@vcesvolvo.com T:

Diagnosis

Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VOLVO4485

 Unique No:
 10966857

 Signed:
 Wes Davis

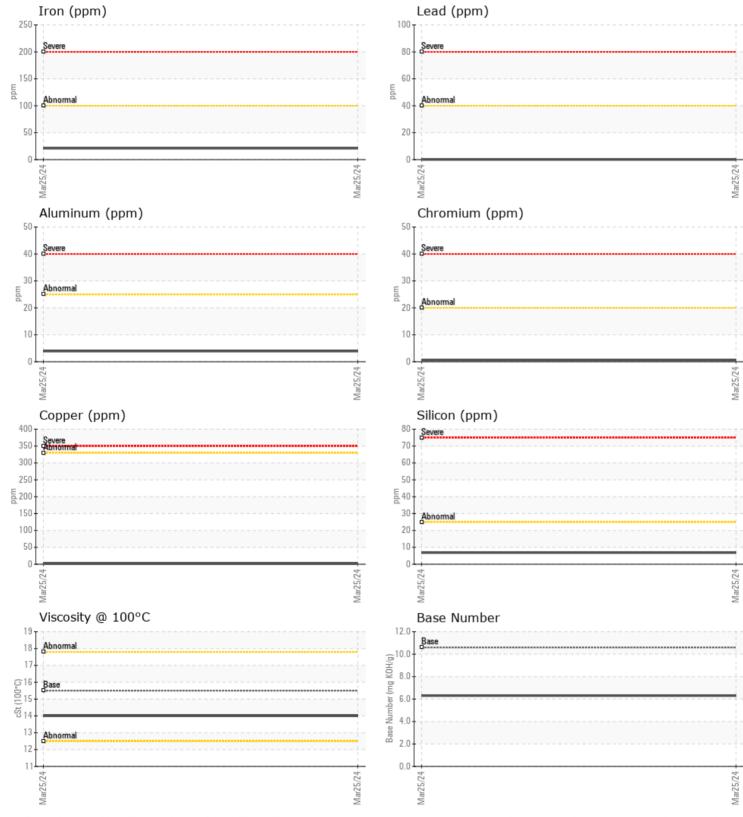
 Report Date:
 09 Apr 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO4485 [WUSCAR] 06142049 (Generated: 04/09/2024 15:33:40) Rev: 1

Contact/Location: RAY KRANZUSCH - VOLVO4485