CONSTRUCTION EQUIPMENT 922 VOLVO A45G 353333 - DIESEL ENGINE



Sample No: VCP424192

922

VOLVO

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE INFORMATION VCP424192 Sample Number Sample Date 07 Sep 2023 Machine Hours 1461 Oil Hours 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt **12.4** Base Number (BN) mg KOH/g 8.2 Oxidation (PA) 69 % CONTAMINATION % 0.2 Soot %

Nitration (PA)	%	66	 	 a
Sulfation (PA)	%	56	 	 I
Glycol	%	NEG	 	 , i i i i i i i i i i i i i i i i i i i
Fuel	%	1.6	 	 Ē
Silicon	ppm	6	 	 s
Sodium	ppm	4	 	 C
Potassium	ppm	0	 	

WEAR MI

WEAR N	NETALS			
Iron	ppm	8	 	
Copper	ppm	64	 	
Lead	ppm	0	 	
Tin	ppm		 	
Aluminum	ppm	0	 	
Chromium	ppm	□<1	 	
Molybdenum	ppm	52	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	■ <1	 	
Vanadium	ppm	0	 	

ADDITIVES						
Calcium	ppm	1547				
Magnesium	ppm	644				
Zinc	ppm	1100				
Phosphorus	ppm	855				
Barium	ppm	0				
Boron	ppm	37				



VCES- VOLVO CONSTRUCTION EQUIPMENT

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

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLVO4485

 Unique No:
 10655760

 Signed:
 Don Baldridge

 Report Date:
 20 Sep 2023

Report Id: VOLVO4485 [WUSCAR] 05954547 (Generated: 09/21/2023 02:11:50) Rev: 1

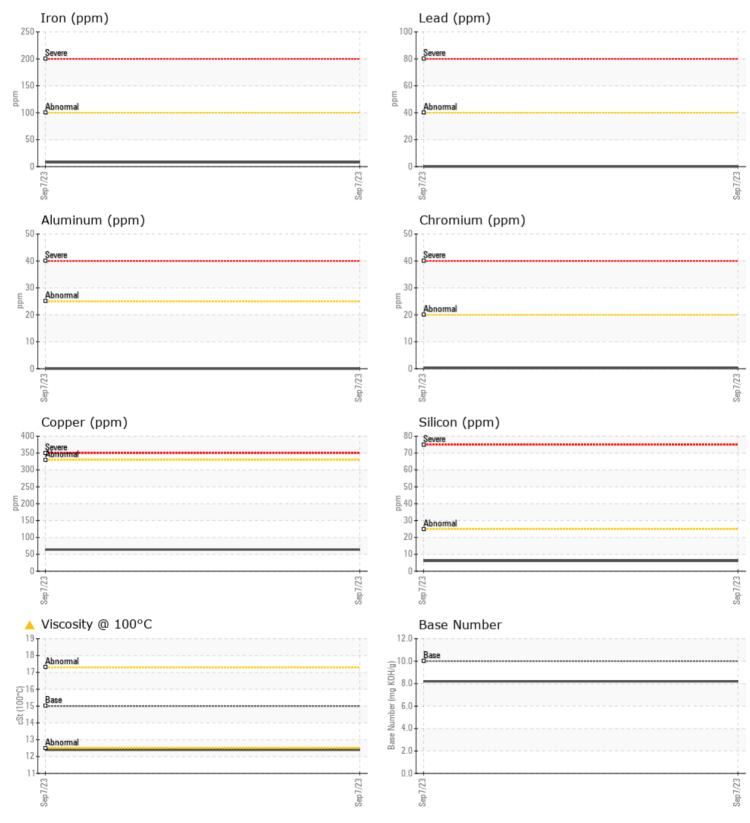
Contact/Location: RAY KRANZUSCH - VOLVO4485

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: RAY KRANZUSCH - VOLVO4485