CONSTRUCTION EQUIPMENT 41832 VOLVO A30G 752081 - DIESEL ENGINE



Sample No: VCP454607

41832

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

Job No:

SAMPLE INFORMATION VCP454607 Sample Number Sample Date 24 Apr 2024 Machine Hours 2371 Oil Hours 0 Oil Changed Changed ATTENTION Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.3 Base Number (BN) mg KOH/g 9.1 Oxidation (PA) 82 % CONTAMINATION NEG % Water

Soot %	%	0.4	 	
Nitration (PA)	%	66	 	
Sulfation (PA)	%	61	 	
Glycol	%	NEG	 	
Fuel	%	0.6	 	
Silicon	ppm	7	 	
Sodium	ppm	3	 	
Potassium	ppm	3	 	

WEAR METALS

WCAR P				
Iron	ppm	23	 	
Copper	ppm	6	 	
Lead	ppm	 <1	 	
Tin	ppm	2	 	
Aluminum	ppm	3	 	
Chromium	ppm	1	 	
Molybdenum	ppm	48	 	
Nickel	ppm	4	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	1	 	
Vanadium	ppm	<1	 	

ADDITIVES							
Calcium	ppm	1634					
Magnesium	ppm	479					
Zinc	ppm	1077					
Phosphorus	ppm	916					
Barium	ppm	2					
Boron	ppm	48					



215 - ASCENDUM MACHINERY INC - CAYCE 2303 AIRPORT BLVD CAYCE, SC US 29033 Contact: TAMI BROWDER

T: (803)923-2138 F: (803)791-9920

Diagnosis

The oil 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:
 VOLVO0013

 Unique No:
 10996693

 Signed:
 Don Baldridge

 Report Date:
 02 May 2024

Report Id: VOLVO0013 [WUSCAR] 06161270 (Generated: 05/04/2024 02:22:56) Rev: 1

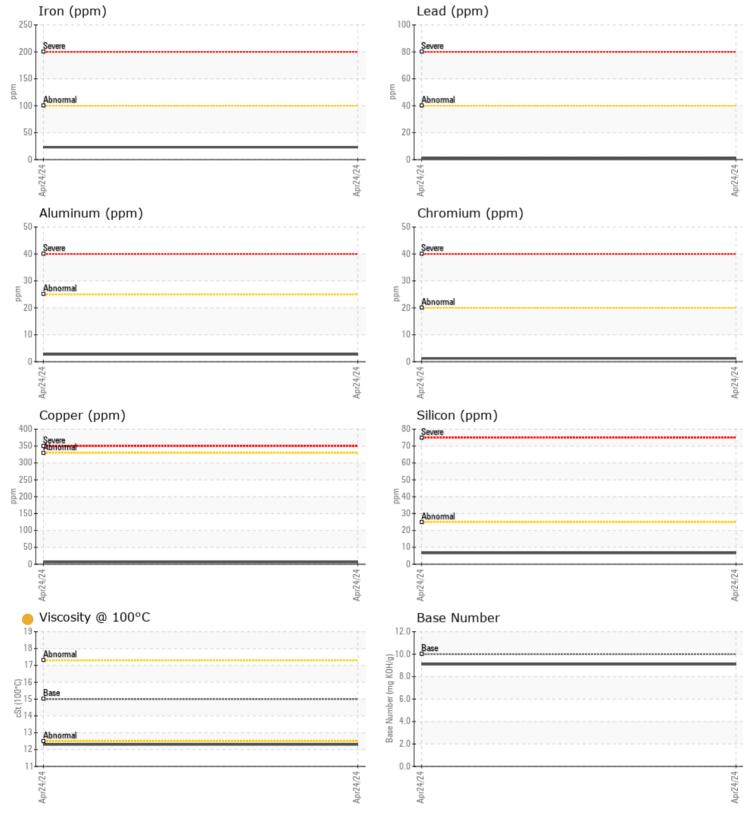
Contact/Location: TAMI BROWDER - VOLVO0013

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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