

CONSTRUCTION EQUIPMENT BERGMANN C815S 5704 - DIESEL ENGINE



Sample No: VCP420009

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type:

Job No:

	INFORMATION			
Sample Number	-	VCP420009	 	
Sample Date		08 Sep 2023	 	
Machine Hours		1472	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	14.3	 	
Base Number (BN)) mg KOH/g	6.7	 	
Oxidation (PA)	%	94	 	
CONTAM	INATION			
Soot %	%	1.6	 	
Nitration (PA)	%	108	 	
Sulfation (PA)	%	72	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	1 2	 	
Sodium	ppm	5	 	
Potassium	ppm	2	 	

WEAD

VEAR M	IETALS			
Iron	ppm	A 131	 	
Copper	ppm	75	 	
Lead	ppm	 <1	 	
Tin	ppm	 <1	 	
Aluminum	ppm	4	 	
Chromium	ppm	2	 	
Molybdenum	ppm	53	 	
Nickel	ppm		 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

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ADDITIVES							
Calcium	ppm	2055					
Magnesium	ppm	506					
Zinc	ppm	1232					
Phosphorus	ppm	937					
Barium	ppm	0					
Boron	ppm	75					
Boron	ppm	75					



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: DEWAYNE BEARD DBeard@flaglerce.com T: (239)481-8554 F: (239)481-3302

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Cylinder, crank, or cam shaft wear is indicated. 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:
 VOLVO0090

 Unique No:
 10649641

 Signed:
 Sean Felton

 Report Date:
 20 Sep 2023

Report Id: VOLVO0090 [WUSCAR] 05953682 (Generated: 09/20/2023 14:57:48) Rev: 1

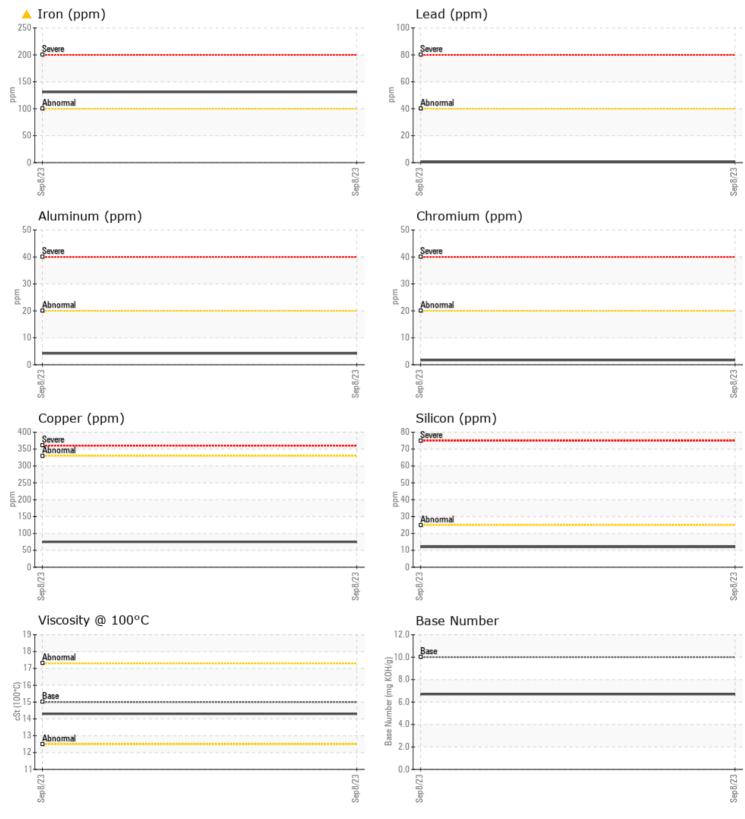
Contact/Location: DEWAYNE BEARD - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: DEWAYNE BEARD - VOLVO0090