CONSTRUCTION EQUIPMENT 19767 LANE-BLYTHE VOLVO A45GFS 352243 - DIESEL ENGINE

Sample No:VCP441396Oil Type:VOLVO ULTRA II

VOLVO

: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 19767 LANE-BLYTHE

SAMPLE INFORMATION VCP441396 Sample Number VCP417574 Sample Date 03 Oct 2023 07 Jun 2023 Machine Hours 3965 3003 Oil Hours 962 0 Oil Changed Changed Changed NORMAL NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 12.8 12.9 7.7 Base Number (BN) mg KOH/g 7.0 Oxidation (PA) 56 45 % CONTAMINATION % 0.5 0.3 Soot %

Nitration (PA)	%	68	62	
Sulfation (PA)	%	52	50	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	< 1.0	
Silicon	ppm	3	4	
Sodium	ppm	 <1	3	
Potassium	ppm		0	

VOLVO

VEAR M	IETALS			
Iron	ppm	10	7	
Copper	ppm	4	5	
Lead	ppm	□<1	< 1	
Tin	ppm	∎1	<1	
Aluminum	ppm	4	1	
Chromium	ppm		<1	
Molybdenum	ppm	58	26	
Nickel	ppm		<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	□<1	 < 1	
Vanadium	ppm	0	<1	

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ADDITIVES						
Calcium	ppm	1221	2034			
Magnesium	ppm	972	359			
Zinc	ppm	1374	1150			
Phosphorus	ppm	1122	951			
Barium	ppm	0	0			
Boron	ppm	4	7			
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117 - ASCENDUM MACHINERY INC - GREENVILLE

2002 N GREENE ST GREENVILLE, NC US 27834 Contact: BRANDON JENKINS BRANDONJENKINS@ASCENDUMMACHINERY.COM T: F: (704)494-8197

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. 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 acceptable for the time in service.

 Depot:
 VOLV08769

 Unique No:
 10701644

 Signed:
 Don Baldridge

 Report Date:
 21 Oct 2023

Report Id: VOLVO8769 [WUSCAR] 05984349 (Generated: 10/22/2023 12:12:54) Rev: 1

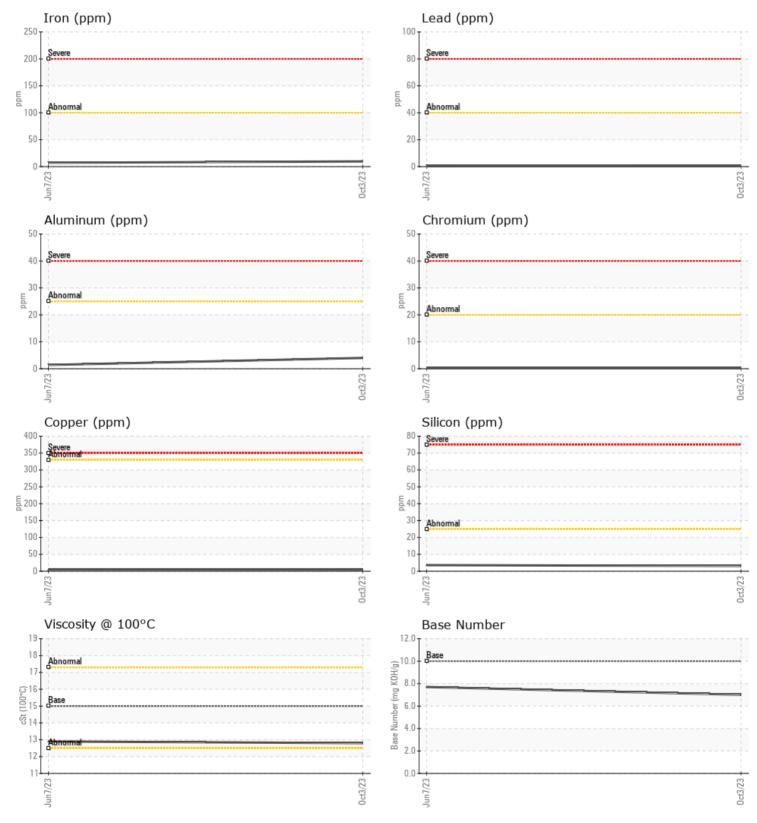
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: BRANDON JENKINS - VOLVO8769