CONSTRUCTION EQUIPMENT 19014 BLUE RIDGE SAN VOLVO A25G 740351 - DIESEL ENGINE

VCP05888273

Oil Type:	VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No:	19014 BLUE RIDGE SAN

SAMPLE INFORMATION

TOTATO

Sample No:

Sample Number	-	VCP05888273	VCP225500		
Sample Date		26 Jun 2023	26 Mar 2019		
Machine Hours		6581	1977		
Oil Hours		3354	0		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
VOLVO					
OIL COND				_	
Visc @ 100°C	cSt	12.8	12.08		
Base Number (BN)	mg KOH/g	4.5			
Oxidation (PA)	%	101	57		
CONTAMI					
Water	%		0.136		
Soot %	%	0.6	0.2		
Nitration (PA)	%	92	57		
Sulfation (PA)	%	77	50		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	<1.0		
Silicon	ppm	8	4		
Sodium	ppm	3	2		
Potassium	ppm	5	2		

WEND

WEAR I	METALS			
Iron	ppm	■40	5	
Copper	ppm	3	<1	
Lead	ppm	2	0	
Tin	ppm	2	0	
Aluminum	ppm	4	2	
Chromium	ppm	1	<1	
Molybdenum	ppm	23	66	
Nickel	ppm	0	<1	
Titanium	ppm	<1	2	
Silver	ppm	0	0	
Manganese	ppm	□<1	<1	
Vanadium	ppm	0	0	

ADDITIVES					
Calcium	ppm	🔳 1895	1196		
Magnesium	ppm	230	1062		
Zinc	ppm	1136	1189		
Phosphorus	ppm	908	1033		
Barium	ppm	0	0		
Boron	ppm	39	6		



117 - ASCENDUM MACHINERY INC - GREENVILLE 2002 N GREENE ST

GREENVILLE, NC US 27834 Contact: BRANDON JENKINS BRANDON JENKINS@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 suitable for further service.

 Depot:
 VOLVO8769

 Unique No:
 10538756

 Signed:
 Don Baldridge

 Report Date:
 04 Jul 2023

Report Id: VOLVO8769 [WUSCAR] 05888273 (Generated: 07/04/2023 16:43:45) Rev: 1

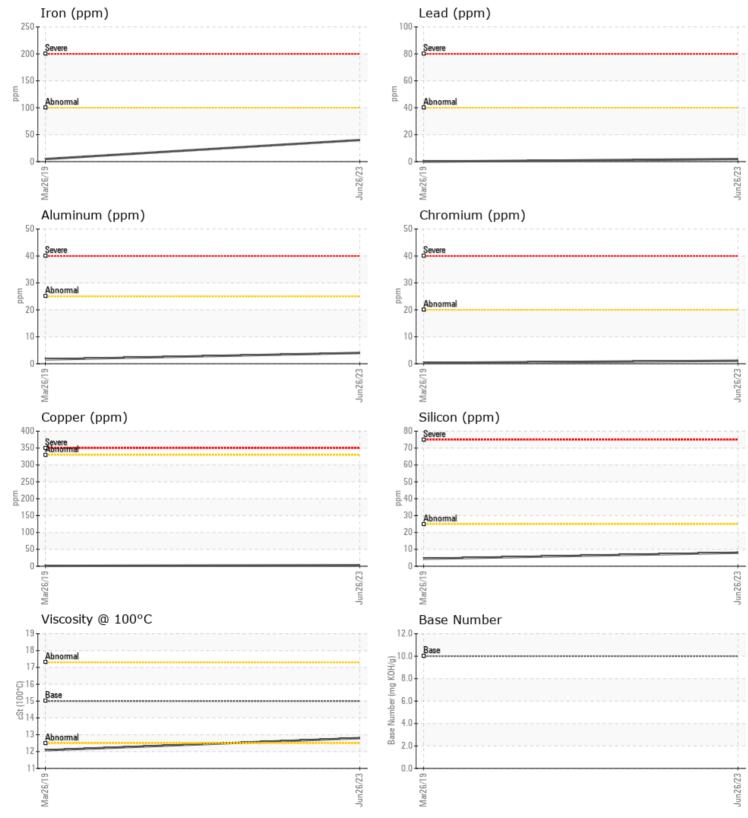
Contact/Location: BRANDON JENKINS - VOLVO8769

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8769 [WUSCAR] 05888273 (Generated: 07/04/2023 16:43:48) Rev: 1

Contact/Location: BRANDON JENKINS - VOLVO8769