CONSTRUCTION EQUIPMENT 19547 MM ONSLOW VOLVO A45G 353446 - DIESEL ENGINE



 Sample No:
 VCP434743

 Oil Type:
 VOLVO ULT

TOTATO

: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

19547 MM ONSLOW

SAMPLE INFORMATION

Sample Number		VCP434743	VCP415636		
Sample Date		01 Sep 2023	02 Jun 2023		
Machine Hours		1001	507		
Oil Hours		494	0		
Oil Changed		Changed	Changed		
Sample Status		ATTENTION	NORMAL		
OIL CONDI					
		-			
Visc @ 100°C	cSt	<u> </u>	10.7		
Base Number (BN)	mg KOH/g	10.1	8.3		
Oxidation (PA)	%	80	61		
CONTAMIN					
		-		_	
Soot %	%	0.4	0.3		
Nitration (PA)	%	64	62		
Sulfation (PA)	%	63	57		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.4		
Silicon	ppm	11	28		
Sodium	ppm	2	2		
Potassium	ppm	■ <1	0		

VOLVO

WEAR	METALS			
Iron	ppm	14	20	
Copper	ppm	3	20	
Lead	ppm	□<1	0	
Tin	ppm	2	4	
Aluminum	ppm	 <1	 < 1	
Chromium	ppm		 <1	
Molybdenum	ppm	46	63	
Nickel	ppm	2	3	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	□<1	2	
Vanadium	ppm	<1	0	

Variaulu

Calcium ppm Magnesium ppm	1916 521	1848	
-	5 21		
	JZ	379	
Zinc ppm	1228	1258	
Phosphorus ppm	979	1017	
Barium ppm	0	0	
Boron ppm	38	111	



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

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. 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:
 VOLVO8769

 Unique No:
 10643885

 Signed:
 Don Baldridge

 Report Date:
 14 Sep 2023

Report Id: VOLVO8769 [WUSCAR] 05947926 (Generated: 09/14/2023 10:02:11) Rev: 1

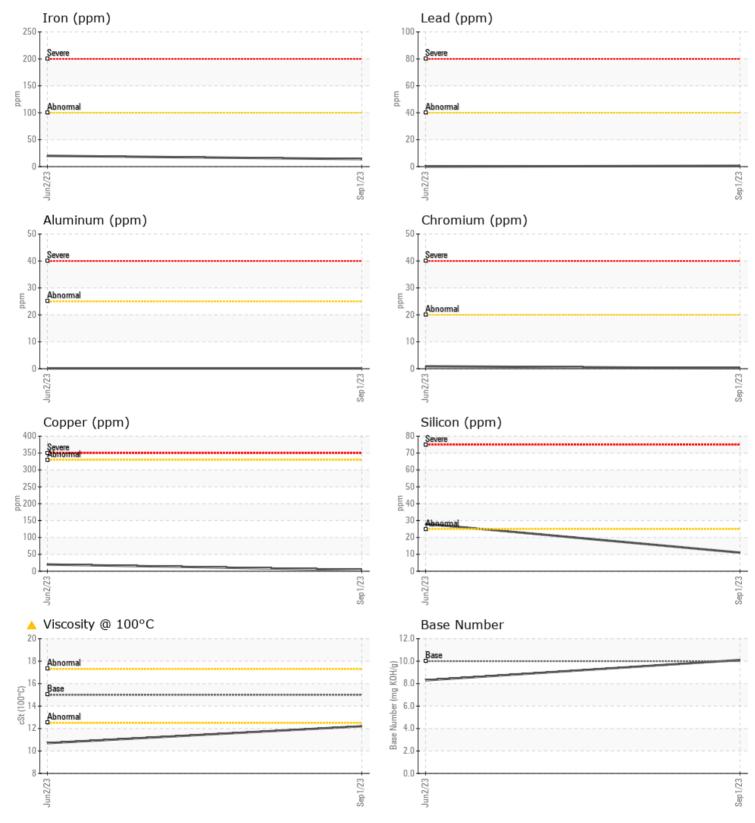
Contact/Location: BRANDON JENKINS - VOLVO8769

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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