CONSTRUCTION EQUIPMENT 377609 TITAN AMERICA VOLVO L90H 626197 - DIESEL ENGINE

Sample No: VCP433367

VOLVO

Oil Type:VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3Job No:377609 TITAN AMERICA

SAMPLE INFORMATION

Sample Number	-	VCP433367	VCP410369		
Sample Date		05 Oct 2023	13 Apr 2023		
Machine Hours		4129	2813		
Oil Hours		500	500		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
OIL CONDI	TION				
	-	·		-	-
Visc @ 100°C	cSt	12.6	13.0		
Base Number (BN)	mg KOH/g	8.3	9.0		
Oxidation (PA)	%	76	78		
CONTAMIN					
	IATION		<u>-</u>	_	-
Soot %	%	0.2	0.3		
Nitration (PA)	%	58	61		
Sulfation (PA)	%	57	55		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	< 1.0		
Silicon	ppm	5	6		
Sodium	ppm	1	3		
Potassium	ppm	1	0		

OLVO WEAT

WEAR N	METALS			
Iron	ppm	8	13	
Copper	ppm	 <1	<1	
Lead	ppm	0	0	
Tin	ppm	 <1	<1	
Aluminum	ppm	3	3	
Chromium	ppm	 <1	1	
Molybdenum	ppm	46	47	
Nickel	ppm	0	0	
Titanium	ppm	<1	0	
Silver	ppm	0	0	
Manganese	ppm	0	< 1	
Vanadium	ppm	<1	0	

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ADDITIVES							
Calcium	ppm	1590	1696				
Magnesium	ppm	484	530				
Zinc	ppm	1087	1147				
Phosphorus	ppm	919	933				
Barium	ppm	7	0				
Boron	ppm	29	35				



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC 8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com

T: (813)630-0077 F: (813)630-2233

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:
 VOLVO0093

 Unique No:
 10737799

 Signed:
 Wes Davis

 Report Date:
 10 Nov 2023

Report Id: VOLVO0093 [WUSCAR] 06004037 (Generated: 11/12/2023 06:50:18) Rev: 1

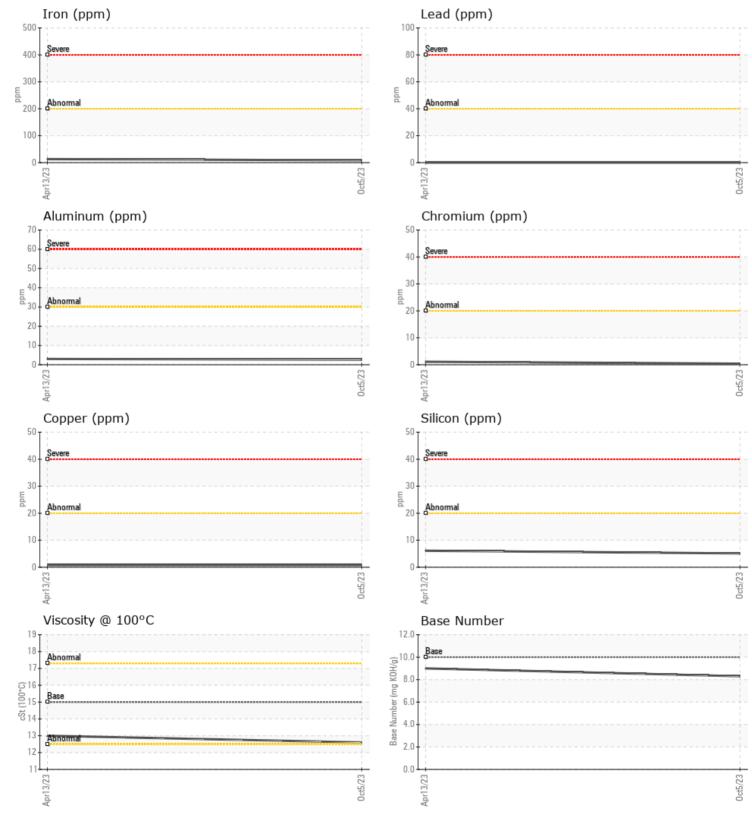
Contact/Location: JOHN FARDELLA - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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