

CONSTRUCTION EQUIPMENT VOLVO A45G 752043 - DIESEL ENGINE



Sample No: VCP437573

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

VOLVO					
SAMPLE II	FORMATION				
Sample Number		VCP437573	VCP439069		
Sample Date		16 Apr 2024	27 Dec 2023		
Machine Hours		1632	931		
Oil Hours		0	0		
Oil Changed		Changed	Changed		
Sample Status		ATTENTION	ATTENTION		
OIL CONDI					
	-			-	
Visc @ 100°C	cSt	12.1	11.8		
Base Number (BN)		8.6	8.1		
Oxidation (PA)	%	75	55		
VOLVO					
Contamii	NATION				
Water	%	NEG	NEG		
Soot %	%	0.4	0.2		
Nitration (PA)	%	63	52		
Sulfation (PA)	%	60	52		
Glycol	%	NEG	NEG		
Fuel	%	<1.0	0.4		
Silicon	ppm	7	7		
Sodium	ppm	3	 <1		
Potassium	ppm	2	0		
	PP				
VOLVO	7816				
VEAR ME	IALS				
Iron	ppm	11	8		
Copper	ppm	4 3	71		
Lead	ppm	 <1	< 1		
Tin	ppm	2	2		
Aluminum	ppm	2	1		
Chromium	ppm	1	<1		
Molybdenum	ppm	50	63		
Nickel	ppm	2	1		
Titanium	ppm	<1	<1		
Silver	ppm	■ <1	0		
Manganese	ppm	 <1	<1		
Vanadium	ppm	<1	<1		
	ر				
Calcium	ppm	1648	1808		
Magnesium	ppm	456	368		
Zinc	ppm	1083	1234		
Phosphorus	ppm	918	1054		
Barium	ppm	0	0		
Boron	ppm	27	10		



ALTA EQUIPMENT COMPANY

5151 DR MARTIN LUTHER KING BLVD FORT MYERS, FL US 33905 Contact: TODD LARK tlark@altaequipfl.com T: F: (239)481-3302

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.

Report Id: VOLVO0090 [WUSCAR] 06154044 (Generated: 04/23/2024 11:51:23) Rev: 1

 Depot:
 VOLVO0090

 Unique No:
 10989467

 Signed:
 Don Baldridge

 Report Date:
 23 Apr 2024

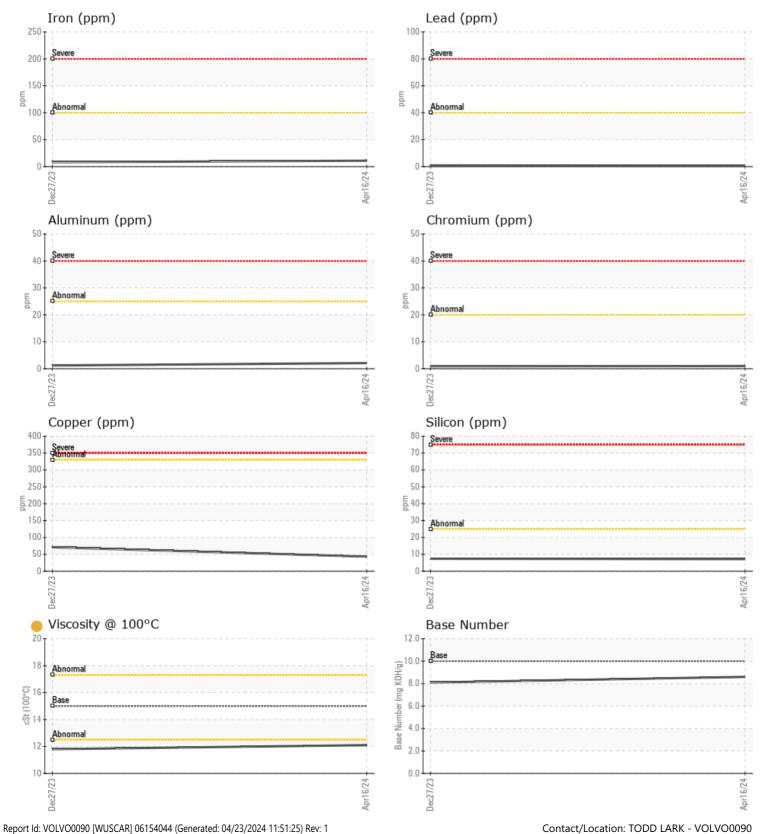
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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