

CONSTRUCTION EQUIPMENT VOLVO A45G 353133 - DIESEL ENGINE



Sample No: VCP403721

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

	INFORMATION			
Sample Number	-	VCP403721	 	
Sample Date		07 Sep 2023	 	
Machine Hours		1639	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL COND	ITION			
Visc @ 100°C	cSt	12.1	 	
Base Number (BN)) mg KOH/g	9.3	 	
Oxidation (PA)	%	74	 	
CONTAM			 	
<u> </u>				
Soot %	%	0.5	 	
Nitration (PA)	%	58	 	
Sulfation (PA)	%	59	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	<u> </u>	 	
Sodium	ppm	4	 	
Potassium	ppm	2	 	
WEAR M	ETALS			
Iron	ppm	26	 	
Copper	ppm	8	 	
Lead	ppm	■<1	 	
Tin	ppm	4	 	
Aluminum	ppm	2	 	
Chromium	ppm	2	 	
Molybdenum	ppm	64	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	<1	 	
Silver	ppm	0	 	
Manganese	ppm	2	 	
Vanadium	ppm	<1	 	

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. No corrective action is recommended at this time. Resample at the next service interval to monitor.Valve wear is indicated. All other component wear rates are normal. Fuel content negligible. Elemental level of silicon (Si) above normal. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

Depot:	VOLVO0090		
Unique No:	10649643		
Signed:	Don Baldridge		
Report Date:	20 Sep 2023		

Report Id: VOLVO0090 [WUSCAR] 05953684 (Generated: 09/20/2023 15:16:14) Rev: 1

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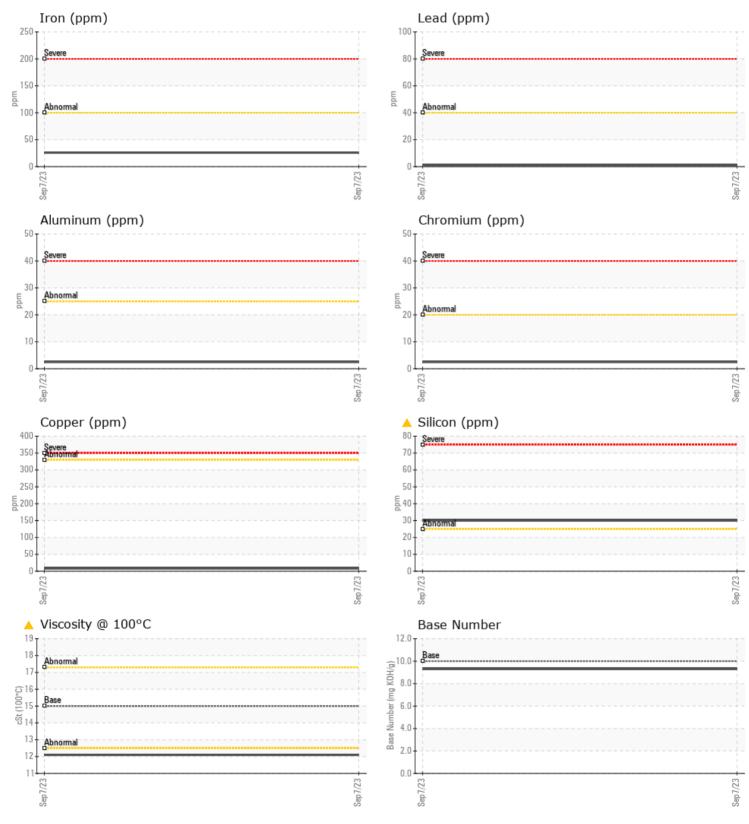
Contact/Location: TODD LARK - VOLVO0090

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: TODD LARK - VOLVO0090