

CONSTRUCTION EQUIPMENT VOLVO A40G 752086 - DIESEL ENGINE



Sample No: VCP450892

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

SAMPLE II	FORMATION			
Sample Number		VCP450892	VCP439035	
Sample Date		14 Jun 2024	03 Jan 2024	
Machine Hours		1298	591	
Oil Hours		0	0	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	ATTENTION	
OIL CONDI	TION			
Visc @ 100°C	cSt	12.0	11.0	
Base Number (BN)		7.4	5.3	
Oxidation (PA)	%	78	59	
	,,,			
VOLVO				
Contamin	-			
Water	%	NEG	NEG	
Soot %	%	0.3	0.2	
Nitration (PA)	%	79	78	
Sulfation (PA)	%	62	56	
Glycol	%	NEG	NEG	
Fuel	%	<1.0	0.6	
Silicon	ppm	8	29	
Sodium	ppm	2	2	
Potassium	ppm	■<1	2	
WEAR ME	TALS			
Iron	ppm	8	14	
Copper	ppm	65	171	
Lead	ppm	0	0	
Tin	ppm	0	3	
Aluminum	ppm	□ <1	2	
Chromium	ppm	0	0	
Molybdenum	ppm	4 4	80	
Nickel	ppm	0	 <1	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	 <1	2	
Vanadium	ppm	0	0	
	5			
Calcium	ppm	1739	2082	
Magnesium	ppm	410	55	
Zinc	ppm	1024	1185	
Phosphorus	ppm	897	982	
Barium	ppm	0	0	



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.

 Depot:
 VOLVO0090

 Unique No:
 11087203

 Signed:
 Jonathan Hester

 Report Date:
 25 Jun 2024

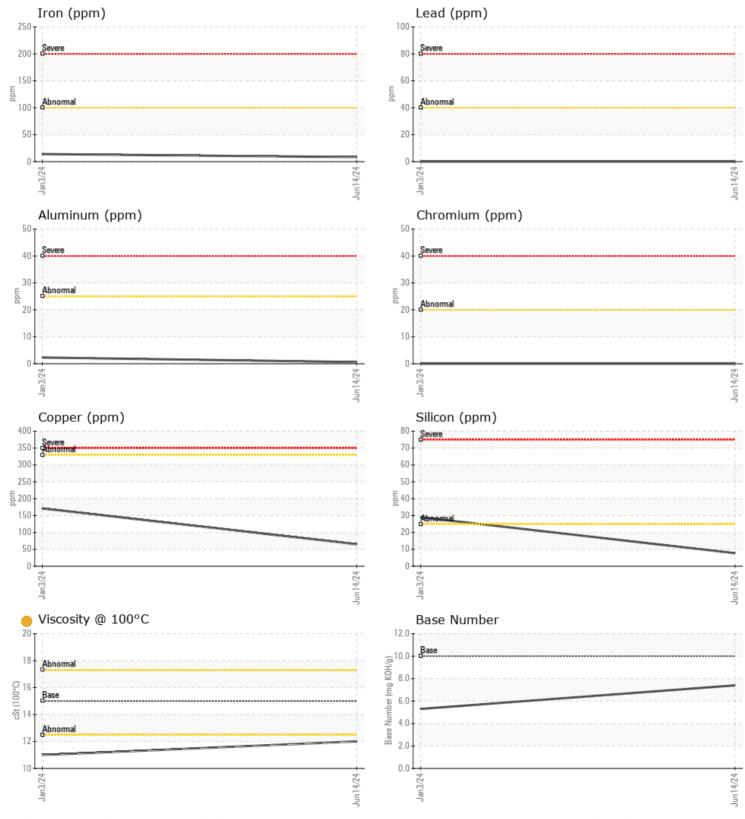
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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