

CONSTRUCTION EQUIPMENT VOLVO A45G 342666 - DIESEL ENGINE



Sample No: VCP432129

Oil Type: DIESEL ENGINE OIL SAE 40

Job No:

Boron

VOLVO				
SAMPLE I	NFORMATION			
Sample Number		VCP432129	VCP313562	
Sample Date		08 Nov 2023	06 May 2021	
Machine Hours		0	2142	
Oil Hours		0	0	
Oil Changed		N/A	Changed	
Sample Status		NORMAL	ATTENTION	
OIL CONDI	TION			
Visc @ 100°C	cSt	13.4	1 1.8	
Base Number (BN)	mg KOH/g	9.1		
Oxidation (PA)	%	92	96	
CONTAMI	NATION			
Soot %	%	0.5	0.4	
Nitration (PA)	%	83	83	
Sulfation (PA)	%	71	72	
	%	NEG	NEG	
Glycol Fuel	%	<1.0	0.3	
Silicon		< 1.0	5	
Sodium	ppm	3	4	
Potassium	ppm	0	<1	
Fotassium	ppm			
VOLVO				
🤍 WEAR ME	TALS			
Iron	ppm	1 6	15	
Copper	ppm	2	112	
Lead	ppm	3	 <1	
Tin	ppm	□ <1	 <1	
Aluminum	ppm	3	0	
Chromium	ppm	■ <1	<1	
Molybdenum	ppm	56	43	
Nickel	ppm	■ <1	<1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	 <1	<1	
Vanadium	ppm	0	0	
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V ADDITIVE				
Calcium	ppm	1903	1955	
Magnesium	ppm	576	494	
Zinc	ppm	1366	1010	
Phosphorus	ppm	1097	902	
Barium	ppm	0	0	
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ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

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:
 VOLV00093

 Unique No:
 10736472

 Signed:
 Wes Davis

 Report Date:
 10 Nov 2023

Report Id: VOLVO0093 [WUSCAR] 06002710 (Generated: 11/12/2023 12:25:22) Rev: 1

ppm

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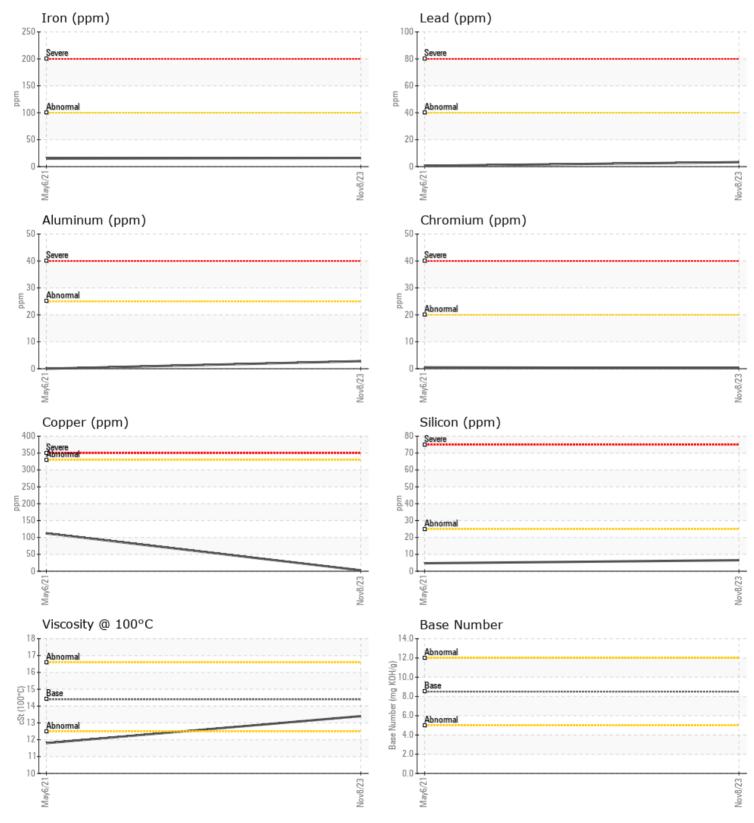
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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Contact/Location: KENNY HANEY - VOLVO0093