

CONSTRUCTION EQUIPMENT VOLVO A45G 353273 - DIESEL ENGINE



Sample No: VCP426566

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

Job No:

Titanium

Manganese

Vanadium

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

Silver

VOLVO				
SAMPLE IN	NFORMATION			
Sample Number	-	VCP426566		
Sample Date		24 Aug 2023		
Machine Hours		1911		
Oil Hours		0		
Oil Changed		Changed		
Sample Status		ABNORMAL		
OIL CONDI	TION			
Visc @ 100°C	cSt	<mark>▲ 11.8</mark>		
Base Number (BN)	mg KOH/g	8.5		
Oxidation (PA)	%	72		
	-		<u>.</u>	- · ·
Soot %	%	0.4		
Nitration (PA)	%	66		
Sulfation (PA)	%	58		
Glycol	%	NEG		
Fuel	%	▲ 3.4		
Silicon	ppm	■6		
Sodium	ppm	2		
Potassium	ppm	 <1		
VOLVO				
WEAR ME	TALS			
Iron	ppm	1 0		
Copper	ppm	15		
Lead	ppm	■<1		
Tin	ppm	1		
Aluminum	ppm	2		
Chromium	ppm			
Molybdenum	ppm	4 5		
Nickel	ppm	2		
		-		

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. Light fuel dilution occurring. No other contaminants were detected in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

Report ld: VOLVO0090 [WUSCAR] 05938524 (Generated: 09/01/2023 11:18:39) Rev: 1

ppm

ADDITIVES

0

0

|| <1

0

1673

516

909

0 27

Contact/Location: TODD LARK - VOLVO0090

VOLVO0090

Don Baldridge

01 Sep 2023

10629136

Depot:

Signed:

Unique No:

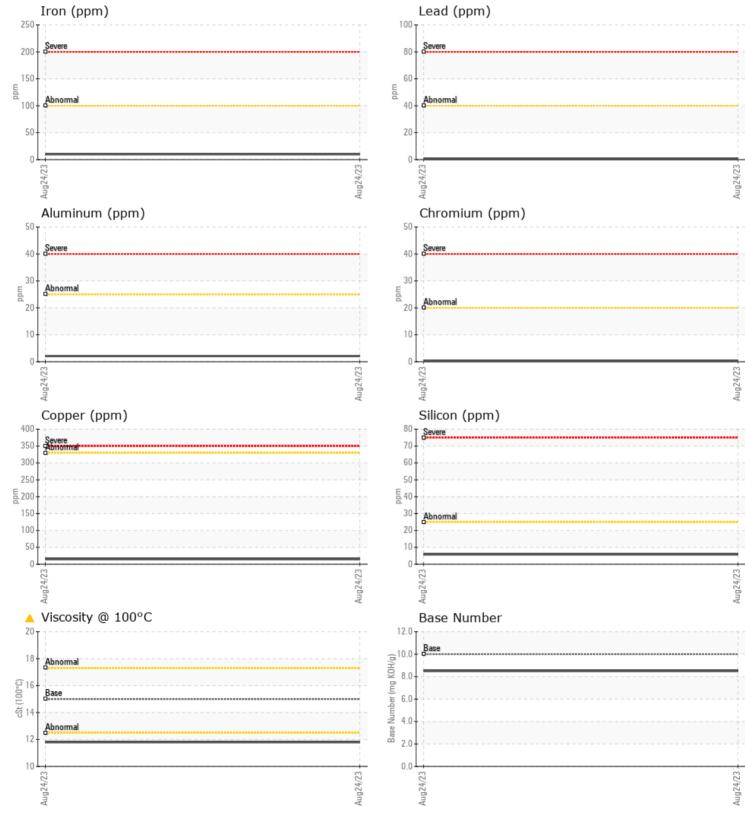
Report Date:

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05938524 (Generated: 09/01/2023 11:18:41) Rev: 1

Contact/Location: TODD LARK - VOLVO0090