

CONSTRUCTION EQUIPMENT ASV VT70HD 03156 - DIESEL ENGINE



Sample No: VCP415845

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

Job No:

VOLVO			 	
SAMPLE II	NFORMATION			
Sample Number	-	VCP415845	 	
Sample Date		17 Jul 2023	 	
Machine Hours		720	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ATTENTION	 	
OIL CONDI	TION		 	
Visc @ 100°C	cSt	11.8	 	
Base Number (BN)		7.5	 	
Oxidation (PA)	%	73	 	
	70	75	 	
VOLVO				
CONTAMII	NATION			
Soot %	%	0.2	 	
Nitration (PA)	%	80	 	
Sulfation (PA)	%	54	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	21	 	
Sodium	ppm	8	 	
Potassium	ppm	0	 	
WEAR ME	ZIAT			
Iron		42	 	
	ppm	16	 	
Copper Lead	ppm	0	 	
Tin	ppm	■ < 1		
Aluminum	ppm	6	 	
Chromium	ppm	6		
	ppm		 	
Molybdenum	ppm	50	 	



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

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. 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.

ppm	40	

Depot: VOLVO0090 Unique No: 10563392 Signed: Jonathan Hester Report Date: 20 Jul 2023

|| <1

0

3

<1

<1

1022

1089

1189

928

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ppm

ADDITIVES

Nickel

Silver

Titanium

Manganese

Vanadium

Calcium

Zinc Phosphorus

Barium

Boron

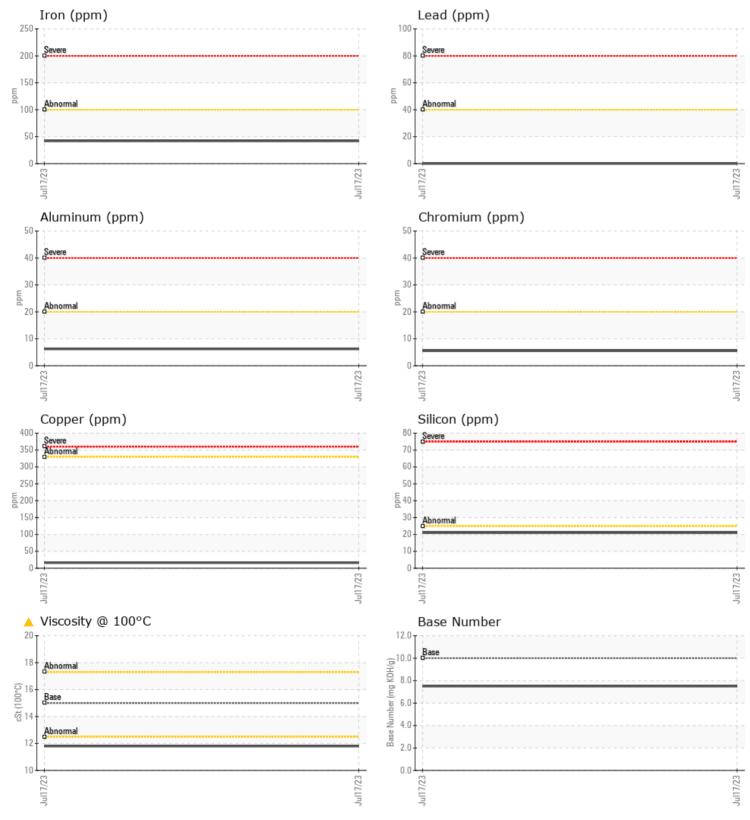
Magnesium

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05902036 (Generated: 07/20/2023 16:07:56) Rev: 1

Contact/Location: TODD LARK - VOLVO0090