

# CONSTRUCTION EQUIPMENT VOLVO A45G 352747 - DIESEL ENGINE



#### VCP433575 Sample No:

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

#### **Oil Type:** Job No:

Zinc

Barium

Boron

Phosphorus

SAMPLE IN	FORMATION			
Sample Number		VCP433575	 	
Sample Date		25 Sep 2023	 	
Machine Hours		795	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		ABNORMAL	 	
OIL CONDI	TION			
Visc @ 100°C	cSt	<b>10.7</b>	 	
Base Number (BN)		7.3	 	
Oxidation (PA)	%	63	 	
VOLVO				
Contamin	IATION	<u>,</u>		
Soot %	%	0.5	 	
Nitration (PA)	%	60	 	
Sulfation (PA)	%	56	 	
Glycol	%	NEG	 	
Fuel	%	0.4	 	
Silicon	ppm	34	 	
Sodium	ppm	2	 	
Potassium	ppm	<b>■</b> <1	 	
WEAR MET	TALS			
ron	ppm	36	 	
Copper	ppm	147	 	
Lead	ppm	□ <1	 	
Tin	ppm	5	 	
Aluminum	ppm	6	 	
Chromium	ppm	<b>1</b>	 	
Molybdenum	ppm	62	 	
Nickel	ppm	<u> </u>	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	3	 	
Vanadium	ppm	0	 	
Calcium	ppm	1735	 	
Magnesium	ppm	<b>400</b>	 	



#### TA EQUIPMENT COMPANY

51 DR MARTIN LUTHER KING BLVD RT MYERS, FL 33905 ntact: TODD LARK k@altaequipfl.com 239)481-3302

### agnosis

and filter change at the time of mpling has been noted. Resample the next service interval to onitor.Metal levels are typical for a w component breaking in. Fuel ntent negligible. There is no dication of any contamination in e oil. The oil viscosity is lower than rmal. Confirm oil type.

Depot:	VOLVO0090		
Unique No:	10669213		
Signed:	Angela Borel		
Report Date:	29 Sep 2023		

9213 la Borella 29 Sep 2023

ppm

ppm

ppm

ppm

1239

1016

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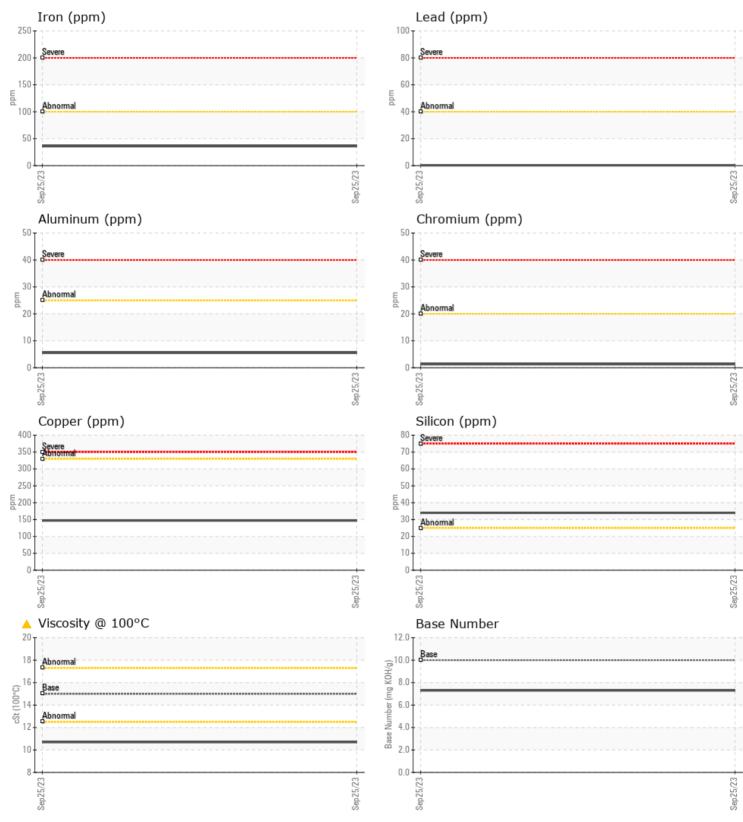
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## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 05962662 (Generated: 09/29/2023 22:23:54) Rev: 1

Contact/Location: TODD LARK - VOLVO0090