

# CONSTRUCTION EQUIPMENT VOLVO A40G 352506 - DIESEL ENGINE



### Sample No: VCP438915

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

# Oil Type: Job No:

	FORMATION			
Sample Number		VCP438915		 
Sample Date		21 Dec 2023		 
Machine Hours		6388		 
Oil Hours		0		 
Oil Changed		Changed		 
Sample Status		NORMAL		 
Sample Status		NORMAL		
VOLVO				
VIL CONDI	TION			
Visc @ 100°C	cSt	12.2		 
Base Number (BN)	mg KOH/g	8.5		 
Oxidation (PA)	%	81		 
V CONTAMIN	-			
Water	%	NEG		 
Soot %	%	0.2		 
Nitration (PA)	%	70		 
Sulfation (PA)	%	63		 
Glycol	%	NEG		 
uel	%	<b>1.4</b>		 
Silicon	ppm	<b>4</b>		 
odium	ppm	<b>□</b> <1		 
Potassium	ppm	2		 
WEAR MET	7 ΔΙ ς			
<u> </u>			<u>-</u>	
ron	ppm	8		 
Copper	ppm	51		 
.ead	ppm	■<1		 
īn .	ppm	■ <1		 
Aluminum	ppm	2		 
Chromium	ppm	<b>■</b> <1		 
Molybdenum	ppm	50		 
Nickel	ppm	2		 
Titanium	ppm	0		 
Silver	ppm	0		 
Manganese	ppm	■ <1		 
/anadium	ppm	0		 
	5			
Calcium		1594		 
Magnesium	ppm	514		 
	ppm	1065		 
Zinc Phosphorus	ppm	925		
arium	ppm			 
	ppm	0		 
Boron	ppm	28		 



#### 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. No other corrective action is recommended at this time.All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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:
 VOLV00090

 Unique No:
 10806376

 Signed:
 Wes Davis

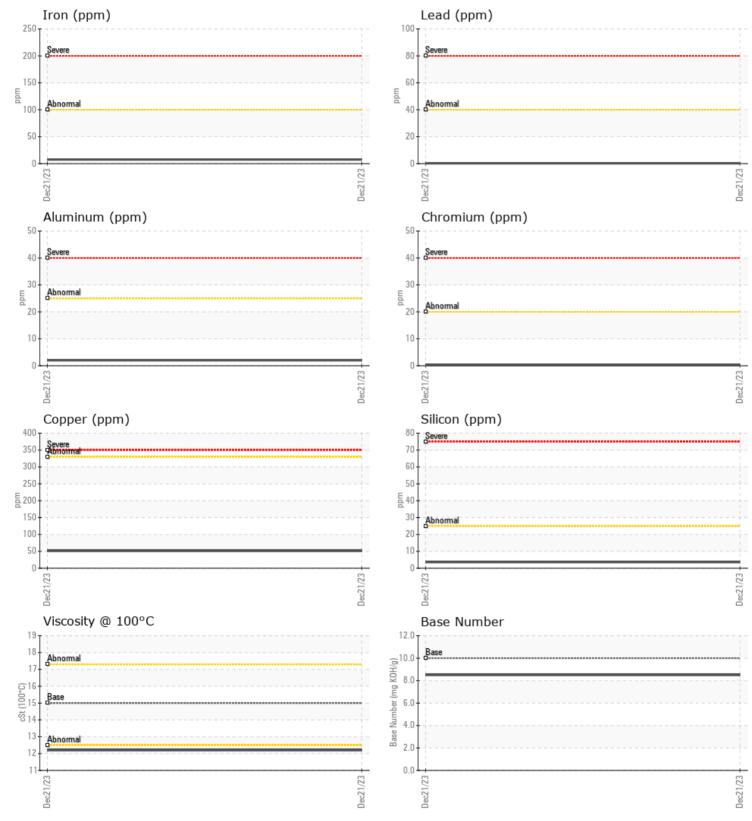
 Report Date:
 28 Dec 2023

# **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06045768 (Generated: 12/28/2023 09:29:16) Rev: 1

Contact/Location: TODD LARK - VOLVO0090