

## **CONSTRUCTION EQUIPMENT** VOLVO A40G 352506 - DIESEL ENGINE



Sample No: VCP454243

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Oil Type: Job No:

VOLVO					
SAMPLE I	NFORMATION				
Sample Number		VCP454243	VCP438915		
Sample Date		04 Apr 2024	21 Dec 2023		
Machine Hours		7065	6388		
Dil Hours		0	0		
Dil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
VOLVO					
OIL COND		÷	<u>_</u>	_	
/isc @ 100°C	cSt	<b>12.4</b>	12.2		
Base Number (BN)	mg KOH/g	9.0	8.5		
Oxidation (PA)	%	78	81		
$\sim$					
CONTAMI					
Water	%	NEG	NEG		
Soot %	%	0.2	0.2		
Nitration (PA)	%	68	70		
Sulfation (PA)	%	60	63		
Glycol	%	NEG	NEG		
uel	%	<1.0	1.4		
Silicon	ppm	<b>4</b>	4		
odium	ppm	2	<b></b> <1		
Potassium	ppm	0	2		
WEAR ME	ZAIS				
<u> </u>				-	
ron -	ppm	5	8		
Copper	ppm	8	51		
_ead	ppm	0	<1		
Fin	ppm	<b>■</b> <1	□ <1		
Aluminum	ppm	2	2		
Chromium	ppm	0	□ <1		
Molybdenum	ppm	45	50		
Nickel	ppm	■<1	2		
Titanium	ppm	0	0		
Silver	ppm	0	0		
Manganese	ppm	<b></b> <1	□ <1		
/anadium	ppm	0	0		
	7				
		-1505	<b>—</b> 150 4		
Calcium	ppm	1585	1594		
Magnesium	ppm	552	514		
Zinc	ppm	1099	1065		
Phosphorus	ppm	949	925		
Barium	ppm	0	0		
Boron	ppm	29	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

Resample at the next service interval to monitor.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:
 VOLVO0090

 Unique No:
 10965806

 Signed:
 Wes Davis

 Report Date:
 09 Apr 2024

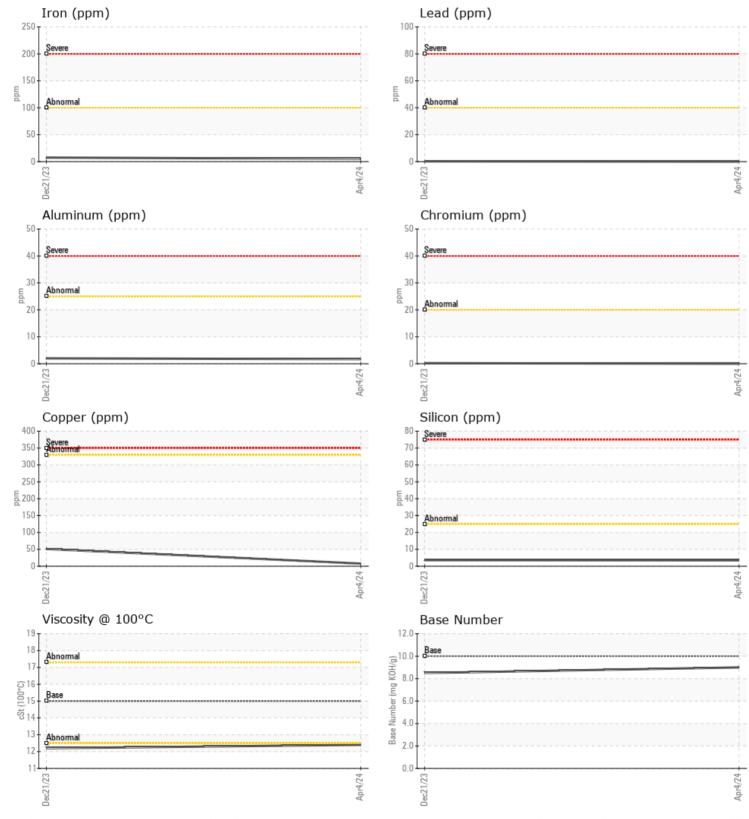
Contact/Location: TODD LARK - VOLVO0090

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06140998 (Generated: 04/09/2024 08:37:44) Rev: 1

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