

CONSTRUCTION EQUIPMENT VOLVO A40G 352938 - DIESEL ENGINE



Sample No: VCP446662

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

Job No:

	NFORMATION		<u>.</u>		
Sample Number		VCP446662	VCP420086		
Sample Date		21 Feb 2024	08 Jun 2023		
Machine Hours		2726	1731		
Dil Hours		0	0		
Dil Changed		Changed	Changed		
Sample Status		NORMAL	NORMAL		
VOLVO					
💓 OIL CONDI	TION				
/isc @ 100°C	cSt	12.2	12.4		
Base Number (BN)		7.0	8.4		
Dxidation (PA)	%	84	82		
	, o	V T	0L		
VOLVO					
Contamii	NATION				
Vater	%	NEG	NEG		
Soot %	%	0.3	0.2		
Nitration (PA)	%	82	78		
Sulfation (PA)	%	62	63		
Glycol	%	NEG	NEG		
uel	%	<1.0	0.3		
Silicon	ppm	8	6		
Sodium	ppm	2	2		
Potassium	ppm	2	0		
WEAR ME	TAIC				
-	-	·		-	
ron	ppm	□ 14	9		
ron Copper	ppm ppm	6	13		
ron Copper .ead	ppm ppm ppm	6	□ 13 □ 0		
ron Copper .ead Tin	ppm ppm ppm ppm	□6 □1 □2	13 0 2		
ron Copper Lead Tin Aluminum	ppm ppm ppm ppm ppm	6 1 2 5	13 0 2 <1	 	
ron Copper Lead Tin Aluminum Chromium	ppm ppm ppm ppm ppm ppm	6 1 2 5 1	13 0 2 <1 0	 	
ron Copper ead Tin Aluminum Chromium Molybdenum	ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66	13 0 2 <1 0 46	 	
ron Copper .ead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4	□ 13 □ 0 □ 2 □ <1 □ 0 □ 46 □ 4	 	
ron Copper .ead Tin Aluminum Chromium Molybdenum Vickel Titanium	ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1	□ 13 □ 0 □ 2 □ < 1	 	
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0	 13 0 2 <1 0 46 4 0 0 0 	 <li< td=""><td>Image: Image: Image:</td></li<>	Image:
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese	ppm ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0 1	 13 0 2 <1 0 46 4 0 0 0 <1 	 	
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver	ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0	 13 0 2 <1 0 46 4 0 0 0 	 <td>Image: Image: Image:</td>	Image:
ron Copper ead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0 1	 13 0 2 <1 0 46 4 0 0 0 <1 	 	
ron Copper Lead Tin Aluminum Chromium Molybdenum Molybdenum Vickel Titanium Silver Manganese Vanadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0 1	 13 0 2 <1 0 46 4 0 0 0 <1 	 	
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese /anadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0 1 <1	□ 13 □ 0 □ 2 □ <1 □ 0 □ 46 □ 46 □ 4 0 □ 0 □ 0 □ <1 0	 	
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Canadium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	6 1 2 5 1 66 4 <1 0 1 <1 1 498	□ 13 □ 0 □ 2 □ <1		
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium Calcium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	<pre>6 1 2 5 1 66 4 <1 0 1 <1 </pre>	 13 0 2 <1 0 46 4 0 0 <1 0 <1 0 <1568 441 	Image: Section of the section of	Image: select
ron Copper Lead Tin Aluminum Chromium Molybdenum Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium Magnesium Zinc	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	<pre>6 1 1 2 5 1 66 4 <1 0 1 <1 </pre> 1 <pre>64 4 <1 </pre> 1 <pre>64 4 <1 </pre> 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	 13 0 2 <1 0 46 4 0 0 <1 0 <1 0 <1568 441 937 	 <li< td=""><td></td></li<>	
ron Copper Lead Tin Aluminum Chromium Molybdenum Vickel Titanium Silver Manganese Vanadium Calcium Calcium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	<pre>6 1 2 5 1 66 4 <1 0 1 <1 </pre>	 13 0 2 <1 0 46 4 0 0 <1 0 <1 0 <1568 441 	Image: Section of the section of	Image: select of the select



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:
 10899676

 Signed:
 Wes Davis

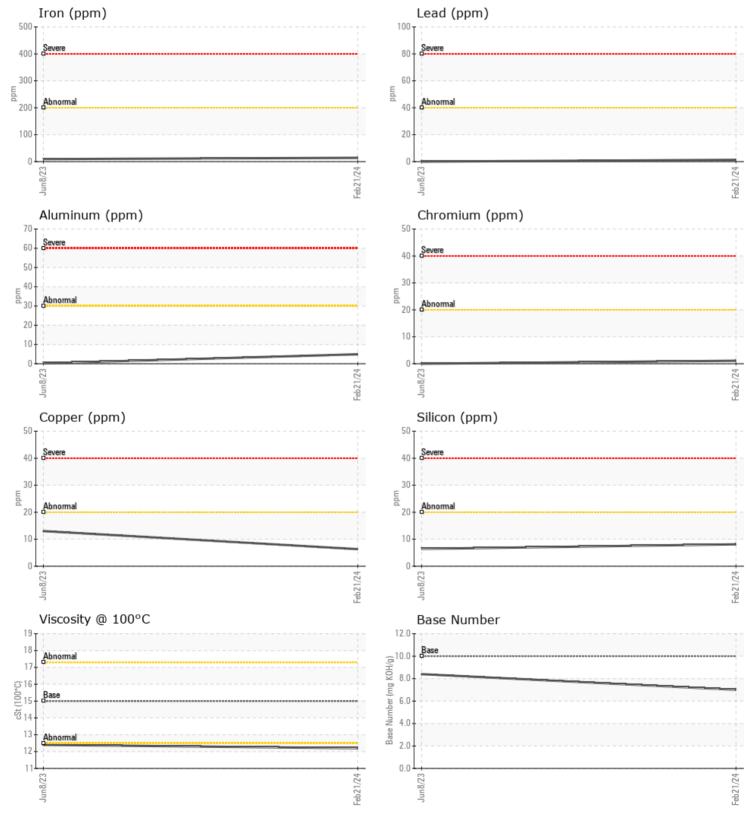
 Report Date:
 28 Feb 2024

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0090 [WUSCAR] 06101446 (Generated: 02/28/2024 09:32:44) Rev: 1

Contact/Location: TODD LARK - VOLVO0090