**CONSTRUCTION EQUIPMENT** ASCENDUM MACHINERY/500 HOUR CSA 24585

**VOLVO A40G 352** 

Sample No:	VCP439314
Oil Type:	VOLVO SUPER O
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VOLVO

GEAR OIL 75W-80-GO102

Job No:

24585

## SAMPLE INFORMATION

Sample Number		VCP439314	VCP0006416		
Sample Date		14 Dec 2023	30 Mar 2023		
Machine Hours		2242	998		
Oil Hours		0	998		
Oil Changed		Changed	Changed		
Sample Status		NORMAL	ABNORMAL		
OIL CONDI	TION				
Visc @ 40°C	cSt	<b>49.3</b>	49.6		
CONTAMIN					
			-	-	
Water	%	NEG	NEG		
Silicon	ppm	5	4		
Sodium	ppm	2	2		
Potassium	ppm	3	4		
WEAR ME	TALS				
Iron	ppm	520	211		
Copper	ppm	3	<b></b> <1		
Lead	ppm	0	0		
Tin	ppm	0	0		
Aluminum	ppm	0	<1		
Chromium	ppm	7	3		
Molybdenum	ppm	6	5		
Nickel	ppm	∎1	0		
Titanium	ppm	0	0		
Silver	ppm	0	0		
Manganasa	0.000	<b>1</b> 0	<b>—</b> 11		



TRIANGLE GRADING AND PAVING INC

1521 Huffman Mill Rd BURLINGTON, NC US 27216 Contact: KAREN HILLIARD khilliard@trianglegradingpaving.com T: (336)584-1745 F: (336)584-0145

## 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 condition of the oil is acceptable for the time in service.

Tin	ppm	0	0	
Aluminum	ppm	0	< 1	
Chromium	ppm	7	3	
Molybdenum	ppm	6	5	
Nickel	ppm	∎1	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	<b>18</b>	11	
Vanadium	ppm	0	0	
	F۲			

	VE2			
Calcium	ppm	21	31	 
Magnesium	ppm	<b></b> <1	4	 
Zinc	ppm	8	6	 
Phosphorus	ppm	2401	2488	 
Barium	ppm	0	0	 
Boron	ppm	248	281	 

Depot: TRIBUR Unique No: 10793451 Signed: Don Baldridge Report Date: 20 Dec 2023

Report Id: TRIBUR [WUSCAR] 06038222 (Generated: 12/27/2023 02:21:17) Rev: 1

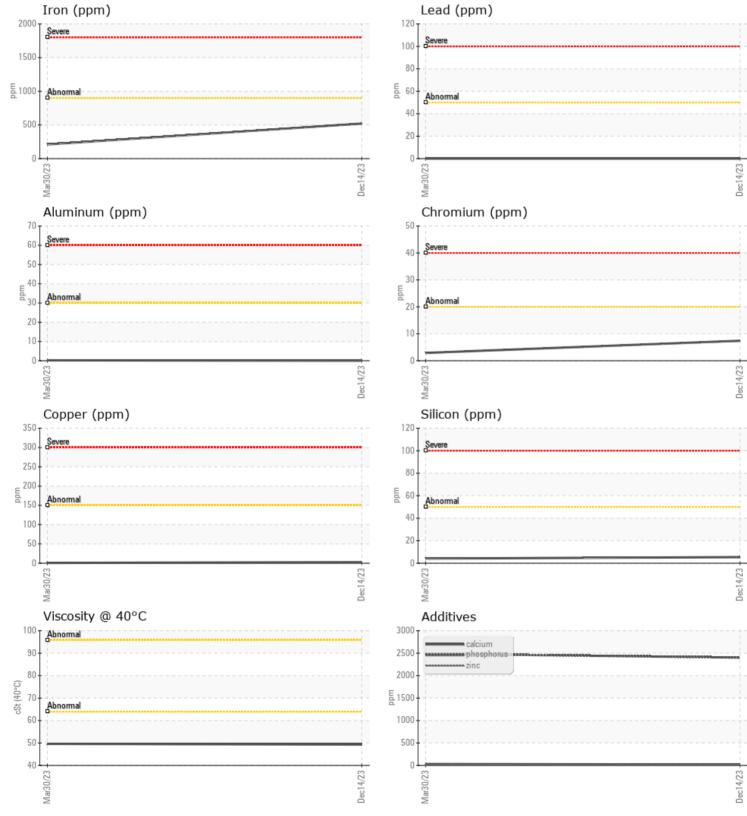
Submitted By: CHARLIE CANIPE

## **CONSTRUCTION EQUIPMENT**



GRAPHS

VOLVO



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Submitted By: CHARLIE CANIPE