CONSTRUCTION EQUIPMENT VFS VOLVO A40G 342632 - REAR AXLE



Sample No:	VCP440997	
Oil Type:	GEAR OIL SAE 80W90	
Job No:	VFS	

SAMPLE INFORMATION

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

VOLVO

SAMPL	=			
Sample Number		VCP440997	VCP348935	
Sample Date		29 Apr 2024	03 Feb 2022	
Machine Hours		7835	6440	
Oil Hours		0	0	
Oil Changed		Not Changd	Not Changd	
Sample Status		NORMAL	NORMAL	
VOLVO				
OIL CON	IDITION			
Visc @ 40°C	cSt	50.1	50.0	
	MINATION			
Water	%	NEG	NEG	
		3	□ <1	
Silicon	ppm			
	ppm			
Silicon Sodium Potassium	ppm ppm ppm	□3 □1		
Sodium Potassium	ppm ppm	3	3	
Sodium Potassium WEAR	ppm ppm	3 1	3 2	
Sodium Potassium WEAR	ppm ppm METALS ppm	3 1 65	3 2 15	
Sodium Potassium WEAR	ppm ppm METALS ppm ppm	■ 3 ■ 1 ■ 65 ■ <1	3 2 15 <1	
Sodium Potassium WEAR	ppm ppm METALS ppm ppm ppm	3 1 65 <1 0	3 2 15 <1 <1	
Sodium Potassium WEAR Iron Copper Lead Tin	ppm ppm METALS ppm ppm ppm ppm	3 1 65 <1 0 <1	3 2 15 <1 <1 <1 <1	
Sodium Potassium WEAR Iron Copper Lead Tin Aluminum	ppm ppm METALS ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2	3 2 15 <1 <1 <1 <1 <1 0	
Sodium Potassium WEAR Iron Copper Lead Tin Aluminum Chromium	ppm ppm METALS ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2 2 <1	3 2 15 <1 <1 <1 <1	
Sodium Potassium WEAR Iron Copper Lead Tin Aluminum Chromium Molybdenum	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2 <1 2 <1 6	3 2 15 <1 <1 <1 <1 <1 0 <1 0 <1 6	
Sodium Potassium	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2 2 <1	3 2 15 3 3 3 15 3 4 3 4 1 3 4 1 3 4 1 3 1 5 4 1 3 15 15 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10	
Sodium Potassium WEAR Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel Titanium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2 <1 6 <1 <1	3 2 15 (15) (11) (11) (11) (11) (11) (11) (
Sodium Potassium WEAR Iron Copper Lead Tin Aluminum Chromium Molybdenum Nickel	ppm ppm METALS ppm ppm ppm ppm ppm ppm ppm ppm ppm	3 1 65 <1 0 <1 2 <1 6 <1 <1 <1 <1	3 2 15 (15) (11) (11) (11) (11) (11) (11) (

31

10

54

0

2543

250



ROMCO INC

1350 NE LOOP 820 FORT WORTH, TX US 76106 Contact: CHRIS BITNER CBitner@romco.com T: F: (817)626-8983

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.

Depot:	VOLVO0081		
Unique No:	11021915		
Signed:	Sean Felton		
Report Date:	14 May 2024		
Contact/Location: CHRIS BITNER - VOLVO0081			

34

9

33

0
311

2563

ppm

ppm

ppm

ppm

ppm

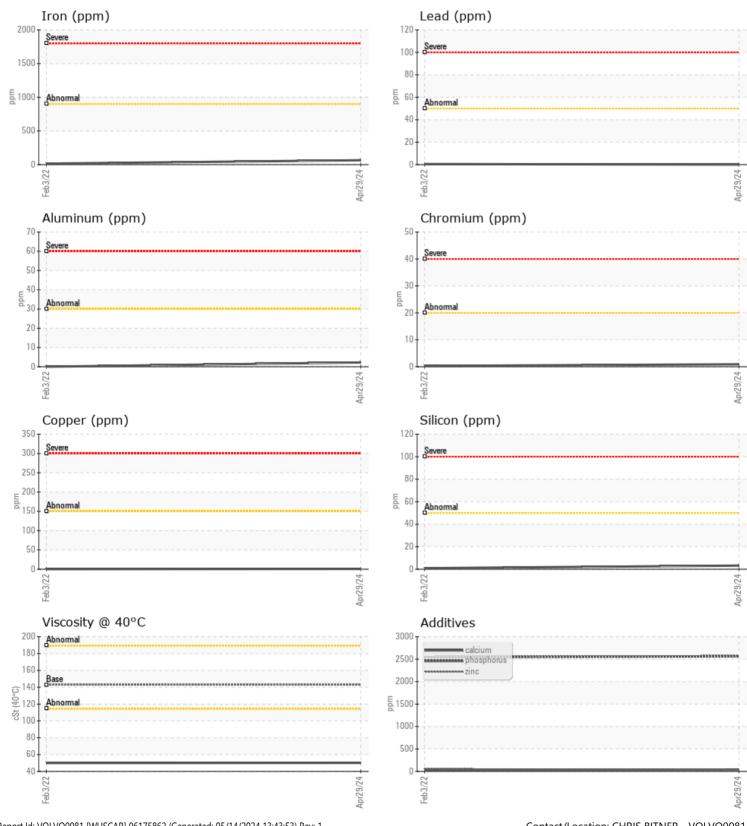
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0081 [WUSCAR] 06175862 (Generated: 05/14/2024 13:43:53) Rev: 1

Contact/Location: CHRIS BITNER - VOLVO0081