



# CONSTRUCTION EQUIPMENT

VFS VOLVO A40G 342632 - BOGIE/CENTER AXLE



**Sample No:** VCP281769  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** VFS



## SAMPLE INFORMATION

Sample Number	VCP281769	VCP348939	---	---
Sample Date	29 Apr 2024	03 Feb 2022	---	---
Machine Hours	7835	6440	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**ROMCO INC**  
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 FORT WORTH, TX  
 US 76106  
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## OIL CONDITION

Visc @ 40°C	cSt	49.3	49.3	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	9	6	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	3	4	---	---

## 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.



## WEAR METALS

Iron	ppm	396	300	---	---
Copper	ppm	5	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	4	3	---	---
Molybdenum	ppm	7	6	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	7	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	34	10	---	---
Magnesium	ppm	8	8	---	---
Zinc	ppm	62	59	---	---
Phosphorus	ppm	2476	2564	---	---
Barium	ppm	0	0	---	---
Boron	ppm	83	37	---	---

**Depot:** VOLVO0081  
**Unique No:** 11021918  
**Signed:** Sean Felton  
**Report Date:** 14 May 2024



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## GRAPHS

