



# CONSTRUCTION EQUIPMENT

VFS VOLVO A40G 342633 - REAR AXLE



**Sample No:** VCP446944  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** VFS



## SAMPLE INFORMATION

Sample Number	VCP446944	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	8195	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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



## OIL CONDITION

Visc @ 40°C	cSt	51.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---



## WEAR METALS

Iron	ppm	88	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	102	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	78	---	---	---
Phosphorus	ppm	2063	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	200	---	---	---

## 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 oil viscosity is lower than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO0081  
**Unique No:** 1101772  
**Signed:** Don Baldrige  
**Report Date:** 09 May 2024



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## GRAPHS

