



# CONSTRUCTION EQUIPMENT

728681 RENTALS VOLVO A40G 752282 - REAR AXLE



**Sample No:** VCP449596  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** 728681 RENTALS



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## SAMPLE INFORMATION

Sample Number	VCP449596	---	---	---
Sample Date	05 Jun 2024	---	---	---
Machine Hours	1036	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	53.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	5	---	---	---



## WEAR METALS

Iron	ppm	135	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	108	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	49	---	---	---
Phosphorus	ppm	2278	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	277	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. 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. Confirm oil type.

**Depot:** VOLVO0096  
**Unique No:** 11074408  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024



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## GRAPHS

