



# CONSTRUCTION EQUIPMENT

730409 RENTALS VOLVO A25G 752678 - FRONT AXLE



**Sample No:** VCP439520  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 730409 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP439520	VCP440250	---	---
Sample Date	08 Jul 2024	06 Oct 2023	---	---
Machine Hours	2073	803	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	85.7	89.0	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	6	7	---	---
Sodium	ppm	2	0	---	---
Potassium	ppm	4	7	---	---



## WEAR METALS

Iron	ppm	415	319	---	---
Copper	ppm	54	45	---	---
Lead	ppm	0	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	6	7	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	5	4	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	10	11	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	806	917	---	---
Magnesium	ppm	6	4	---	---
Zinc	ppm	361	391	---	---
Phosphorus	ppm	1351	1470	---	---
Barium	ppm	4	6	---	---
Boron	ppm	197	255	---	---

## 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:** VOLVO0095  
**Unique No:** 11128301  
**Signed:** Don Baldrige  
**Report Date:** 19 Jul 2024



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## VOLVO GRAPHS

