



# CONSTRUCTION EQUIPMENT

730409 RENTALS VOLVO A25G 752678 - REAR AXLE



**Sample No:** VCP439842  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 730409 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP439842	VCP440251	---	---
Sample Date	08 Jul 2024	06 Oct 2023	---	---
Machine Hours	2073	803	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ATTENTION	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
 5210 REESE ROAD  
 DAVIE, FL  
 US 33314  
 Contact: N. FACEY  
 nfacey@altaequipfl.com  
 T: (954)581-4744  
 F: (954)583-0318



## OIL CONDITION

Visc @ 40°C	cSt	85.0	87.1	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	4	---	---
Sodium	ppm	3	0	---	---
Potassium	ppm	3	5	---	---

## 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.



## WEAR METALS

Iron	ppm	240	175	---	---
Copper	ppm	43	33	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	1	---	---
Aluminum	ppm	<1	0	---	---
Chromium	ppm	4	4	---	---
Molybdenum	ppm	6	4	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	8	8	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	945	953	---	---
Magnesium	ppm	24	4	---	---
Zinc	ppm	390	418	---	---
Phosphorus	ppm	1270	1300	---	---
Barium	ppm	4	6	---	---
Boron	ppm	216	267	---	---

**Depot:** VOLVO0095  
**Unique No:** 11128289  
**Signed:** Don Baldrige  
**Report Date:** 19 Jul 2024



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## GRAPHS

