



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 752059 - FRONT AXLE



**Sample No:** VCP449996  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP449996	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	1204	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
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### OIL CONDITION

Visc @ 40°C	cSt	52.7	---	---	---
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	166	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	131	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	39	---	---	---
Phosphorus	ppm	2117	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	237	---	---	---

### 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:** VOLVO0090  
**Unique No:** 11074377  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024



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## VOLVO GRAPHS

