



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 353591 - FRONT AXLE



**Sample No:** VCP434319  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP434319	---	---	---
Sample Date	14 Nov 2023	---	---	---
Machine Hours	1099	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 51.9	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

### 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 condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 493	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 10	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 16	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 93	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 44	---	---	---
Phosphorus	ppm	█ 2366	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 181	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10750883  
**Signed:** Jonathan Hester  
**Report Date:** 22 Nov 2023



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## GRAPHS

