



# CONSTRUCTION EQUIPMENT

565037 VOLVO A45G 353312 - FRONT AXLE



**Sample No:** VCP437557  
**Oil Type:** GEAR OIL SAE 85W140  
**Job No:** 565037



## SAMPLE INFORMATION

Sample Number	VCP437557	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	2986	---	---	---
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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 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	51.2	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	2	---	---	---



## WEAR METALS

Iron	ppm	349	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	153	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	50	---	---	---
Phosphorus	ppm	2366	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	161	---	---	---

## 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 oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0090  
**Unique No:** 11056533  
**Signed:** Don Baldrige  
**Report Date:** 31 May 2024



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## GRAPHS

