



# CONSTRUCTION EQUIPMENT

SW0921227 VOLVO A30G 75221 - FRONT AXLE



**Sample No:** VCP337708  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SW0921227



## SAMPLE INFORMATION

Sample Number	VCP337708	---	---	---
Sample Date	21 May 2022	---	---	---
Machine Hours	1204	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	83.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	4	---	---	---

## 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	208	---	---	---
Copper	ppm	18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	5	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	868	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	364	---	---	---
Phosphorus	ppm	1443	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	157	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 9993578  
**Signed:** Don Baldrige  
**Report Date:** 27 May 2022



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## GRAPHS

