



# CONSTRUCTION EQUIPMENT

434078 JMH VOLVO A30 752680 - FRONT AXLE



**Sample No:** VCP442300  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 434078 JMH



## SAMPLE INFORMATION

Sample Number	VCP442300	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	2026	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	▲ 55.6	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

## 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	■ 232	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 218	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 66	---	---	---
Phosphorus	ppm	2098	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 219	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10808674  
**Signed:** Don Baldrige  
**Report Date:** 02 Jan 2024



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## GRAPHS

