



# CONSTRUCTION EQUIPMENT

434078 JMH VOLVO A30 752680 - BOGIE/CENTER AXLE



**Sample No:** VCP442298  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 434078 JMH



## SAMPLE INFORMATION

Sample Number	VCP442298	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	2026	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	■ 53.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

## 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	■ 167	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 5	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	< 1	---	---	---



## ADDITIVES

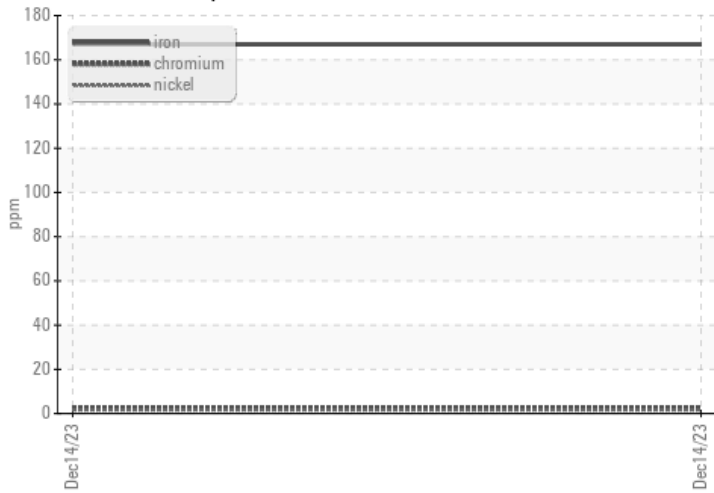
Calcium	ppm	■ 171	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 84	---	---	---
Phosphorus	ppm	2258	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 222	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10804173  
**Signed:** Jonathan Hester  
**Report Date:** 27 Dec 2023

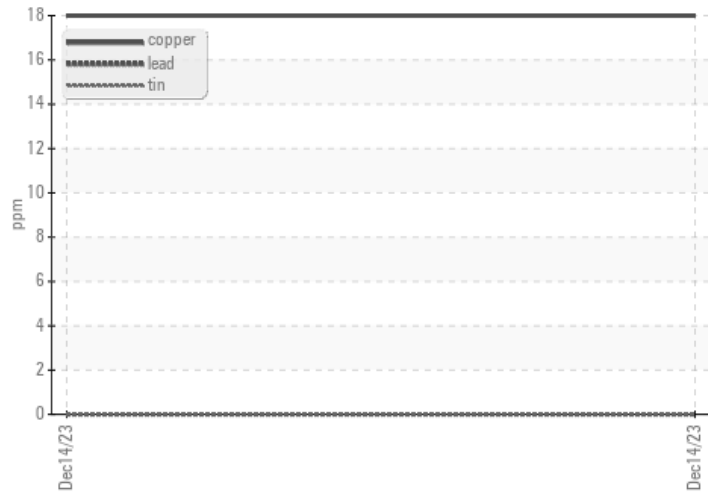


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C

