



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - REAR AXLE



**Sample No:** VCP412163  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP412163	VCP343860	---	---
Sample Date	28 Aug 2023	25 Oct 2021	---	---
Machine Hours	5525	3871	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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

Visc @ 40°C	cSt	▲ 46.9	■ 169	---	---
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### CONTAMINATION

Silicon	ppm	■ 20	■ 1	---	---
Sodium	ppm	■ 2	■ 1	---	---
Potassium	ppm	■ 2	■ <1	---	---

### WEAR METALS

Iron	ppm	■ 22	■ 140	---	---
Copper	ppm	▲ 489	■ 23	---	---
Lead	ppm	■ <1	■ <1	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 2	■ <1	---	---
Chromium	ppm	■ <1	■ 2	---	---
Molybdenum	ppm	■ <1	■ 3	---	---
Nickel	ppm	■ 1	■ 1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	0	<1	---	---

### ADDITIVES

Calcium	ppm	■ 3374	■ 143	---	---
Magnesium	ppm	■ 10	■ 13	---	---
Zinc	ppm	■ 1287	50	---	---
Phosphorus	ppm	■ 1187	■ 1207	---	---
Barium	ppm	■ 2	■ 0	---	---
Boron	ppm	■ 125	■ 189	---	---

**Diagnosis**  
 We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0090  
**Unique No:** 10633231  
**Signed:** Don Baldrige  
**Report Date:** 07 Sep 2023



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## VOLVO GRAPHS

