



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752029 - REAR AXLE



**Sample No:** VCP0007767  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0007767</b>	VCP0006167	VCP294795	---
Sample Date	<b>22 Jan 2024</b>	07 Dec 2022	11 Dec 2020	---
Machine Hours	<b>4074</b>	2283	974	---
Oil Hours	<b>4074</b>	2283	974	---
Oil Changed	<b>N/A</b>	N/A	Not Changd	---
Sample Status	<b>ATTENTION</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 60.4</b>	■ 277	■ 239	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ 4	■ 7	■ <1	---
Sodium	ppm	■ 4	■ 1	■ 2	---
Potassium	ppm	■ 2	■ 0	■ 6	---

### 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.



### WEAR METALS

Iron	ppm	■ 383	■ 143	■ 89	---
Copper	ppm	■ 27	■ 24	■ 6	---
Lead	ppm	■ 0	■ 0	■ 0	---
Tin	ppm	■ 1	■ <1	■ 0	---
Aluminum	ppm	■ <1	■ <1	■ 0	---
Chromium	ppm	■ 7	■ 2	■ 1	---
Molybdenum	ppm	■ 8	■ <1	■ 2	---
Nickel	ppm	■ 4	■ 1	■ 2	---
Titanium	ppm	■ 0	■ 1	■ 0	---
Silver	ppm	■ 0	■ 0	■ 0	---
Manganese	ppm	■ 30	■ 4	■ 3	---
Vanadium	ppm	■ 0	■ 0	■ 0	---



### ADDITIVES

Calcium	ppm	■ 280	■ 200	■ 97	---
Magnesium	ppm	■ 0	■ 1	■ <1	---
Zinc	ppm	■ 125	■ 86	■ 35	---
Phosphorus	ppm	■ 1316	■ 899	■ 957	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 161	■ 176	■ 153	---

**Depot:** VOLVO0092  
**Unique No:** 10847462  
**Signed:** Don Baldrige  
**Report Date:** 28 Jan 2024



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## GRAPHS

