



# CONSTRUCTION EQUIPMENT

D13293 VOLVO A40G 342560 - REAR AXLE



**Sample No:** VCP407310  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** D13293



## SAMPLE INFORMATION

Sample Number	VCP407310	---	---	---
Sample Date	31 Jan 2024	---	---	---
Machine Hours	6117	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ARING EQUIPMENT COMPANY INC - MAIN (MILWAUKEE)  
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 BUTLER, WI  
 US 53007  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 122	---	---	---
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## CONTAMINATION

Water	%	█ 0.146	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---

### 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. Confirm oil type. The condition of the oil is acceptable for the time in service.

## WEAR METALS

Iron	ppm	█ 211	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 6	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	█ 116	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 79	---	---	---
Phosphorus	ppm	█ 414	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 17	---	---	---

**Depot:** VOLVO0069  
**Unique No:** 10872528  
**Signed:** Don Baldrige  
**Report Date:** 12 Feb 2024



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## GRAPHS

