



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 752262 - REAR AXLE



**Sample No:** VCP419139  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP419139	VCP386420	---	---
Sample Date	27 Sep 2023	27 Sep 2022	---	---
Machine Hours	2975	1738	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

**ALTA EQUIPMENT**  
 5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 79.4	█ 87.7	---	---
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### CONTAMINATION

Silicon	ppm	█ 6	█ 7	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 4	█ <1	---	---

### 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	█ 283	█ 299	---	---
Copper	ppm	█ 62	█ 26	---	---
Lead	ppm	█ <1	█ 2	---	---
Tin	ppm	█ 3	█ 2	---	---
Aluminum	ppm	█ 0	█ 1	---	---
Chromium	ppm	█ 5	█ 6	---	---
Molybdenum	ppm	█ 6	9	---	---
Nickel	ppm	█ 3	█ 3	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 13	16	---	---
Vanadium	ppm	0	2	---	---

### ADDITIVES

Calcium	ppm	█ 1049	732	---	---
Magnesium	ppm	█ 8	<1	---	---
Zinc	ppm	█ 467	299	---	---
Phosphorus	ppm	█ 1651	1492	---	---
Barium	ppm	█ <1	0	---	---
Boron	ppm	█ 178	193	---	---

**Depot:** VOLVO0142  
**Unique No:** 10673255  
**Signed:** Don Baldrige  
**Report Date:** 04 Oct 2023



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## GRAPHS

