



# CONSTRUCTION EQUIPMENT

## 332993 CLEAN EARTH VOLVO A30G 742136 - REAR AXLE



**Sample No:** VCP424004  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** 332993 CLEAN EARTH



### SAMPLE INFORMATION

Sample Number	<b>VCP424004</b>	VCP363207	VCP321749	---
Sample Date	<b>26 Sep 2023</b>	29 Jul 2022	31 Jan 2022	---
Machine Hours	<b>5090</b>	3492	3001	---
Oil Hours	<b>0</b>	3492	3001	---
Oil Changed	<b>N/A</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### ALTA EQUIPMENT

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

Visc @ 40°C	cSt	<b>51.8</b>	53.7	52.6	---
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### CONTAMINATION

Silicon	ppm	<b>8</b>	5	6	---
Sodium	ppm	<b>1</b>	2	3	---
Potassium	ppm	<b>1</b>	0	<1	---



### WEAR METALS

Iron	ppm	<b>330</b>	184	148	---
Copper	ppm	<b>8</b>	7	6	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>&lt;1</b>	1	<1	---
Aluminum	ppm	<b>1</b>	1	1	---
Chromium	ppm	<b>5</b>	3	2	---
Molybdenum	ppm	<b>2</b>	0	1	---
Nickel	ppm	<b>1</b>	2	<1	---
Titanium	ppm	<b>0</b>	0	<1	---
Silver	ppm	<b>0</b>	<1	<1	---
Manganese	ppm	<b>4</b>	2	2	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>37</b>	6	15	---
Magnesium	ppm	<b>6</b>	0	<1	---
Zinc	ppm	<b>22</b>	10	<1	---
Phosphorus	ppm	<b>2268</b>	2223	2150	---
Barium	ppm	<b>2</b>	0	0	---
Boron	ppm	<b>268</b>	336	295	---

### 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.

**Depot:** VOLVO0142  
**Unique No:** 10670347  
**Signed:** Don Baldrige  
**Report Date:** 01 Oct 2023



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## GRAPHS

