



# CONSTRUCTION EQUIPMENT

## 42325 VOLVO A30G 752350 - FRONT AXLE



**Sample No:** VCP447885  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** 42325



**215 - ASCENDUM MACHINERY INC - CAYCE**  
 2303 AIRPORT BLVD  
 CAYCE, SC  
 US 29033  
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### SAMPLE INFORMATION

Sample Number	VCP447885	---	---	---
Sample Date	07 Jun 2024	---	---	---
Machine Hours	2456	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 300	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---



### WEAR METALS

Iron	ppm	█ 144	---	---	---
Copper	ppm	█ 7	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 88	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 30	---	---	---
Phosphorus	ppm	467	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 33	---	---	---

### 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:** VOLVO0013  
**Unique No:** 11074401  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024



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## GRAPHS

