



# CONSTRUCTION EQUIPMENT

SW0069603 SWADA VOLVO A30G 740265 - FRONT AXLE



**Sample No:** VCP442369  
**Oil Type:** GEAR OIL SAE 80W140  
**Job No:** SWO069603 SWADA



**COWIN EQUIPMENT COMPANY INC - GUNTSVILLE**  
15101 ALABAMA HWY 20  
MADISON, AL  
US 35756  
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## SAMPLE INFORMATION

Sample Number	VCP442369	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	7994	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 263	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 210	---	---	---
Copper	ppm	█ 26	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 112	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 67	---	---	---
Phosphorus	ppm	█ 1200	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 120	---	---	---

## 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:** COWMAD  
**Unique No:** 10885423  
**Signed:** Don Baldrige  
**Report Date:** 20 Feb 2024



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## GRAPHS

