



# CONSTRUCTION EQUIPMENT

70967 COUCH VOLVO A45G 352798 - FRONT LEFT FINAL DRIVE



**Sample No:** VCP443540  
**Oil Type:** VOLVO  
**Job No:** 70967 COUCH



## SAMPLE INFORMATION

Sample Number	VCP443540	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	3950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE  
PENSACOLA, FL  
US 32534

Contact: HUGH DOBBS  
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## OIL CONDITION

Visc @ 40°C	cSt	39.7	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 23	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 49	---	---	---
Copper	ppm	▲ 280	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	3596	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1572	---	---	---
Phosphorus	ppm	1402	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	113	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other 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:** VOLVO8247  
**Unique No:** 10968193  
**Signed:** Jonathan Hester  
**Report Date:** 12 Apr 2024



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## GRAPHS

