



# CONSTRUCTION EQUIPMENT

70967 COUCH VOLVO A45G 352798 - TRANSMISSION (AUTO)



**Sample No:** VCP445502  
**Oil Type:** VOLVO AT 102  
**Job No:** 70967 COUCH



## SAMPLE INFORMATION

Sample Number	VCP445502	VCP373120	---	---
Sample Date	04 Apr 2024	01 Nov 2022	---	---
Machine Hours	3950	2087	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

### COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE  
PENSACOLA, FL  
US 32534

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## OIL CONDITION

Visc @ 40°C	cSt	█ 27.8	█ 27.9	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 8	█ 14	---	---
Sodium	ppm	█ 5	█ 4	---	---
Potassium	ppm	█ 3	█ 3	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 39	█ 52	---	---
Copper	ppm	█ 25	█ 40	---	---
Lead	ppm	█ <1	█ <1	---	---
Tin	ppm	█ 5	█ 6	---	---
Aluminum	ppm	█ 17	█ 25	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ 4	█ 5	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 3	█ 6	---	---
Vanadium	ppm	<1	0	---	---



## ADDITIVES

Calcium	ppm	█ 82	█ 72	---	---
Magnesium	ppm	█ 3	█ <1	---	---
Zinc	ppm	█ 11	█ 5	---	---
Phosphorus	ppm	█ 210	█ 182	---	---
Barium	ppm	█ <1	█ 0	---	---
Boron	ppm	█ 79	█ 70	---	---

**Depot:** VOLVO8247  
**Unique No:** 10968272  
**Signed:** Jonathan Hester  
**Report Date:** 12 Apr 2024



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## GRAPHS

