



# CONSTRUCTION EQUIPMENT

RSO-037883 VOLVO A25G 742247 - TRANSMISSION



Sample No: VCP450898

Oil Type: {unknown}

Job No: RSO-037883



## SAMPLE INFORMATION

Sample Number	VCP450898	---	---	---
Sample Date	26 Apr 2024	---	---	---
Machine Hours	4078	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### COWIN EQUIPMENT COMPANY

2238 PINSON VALLEY PARKWAY  
 BIRMINGHAM, AL  
 US 35217  
 Contact: BRANTLY CLAY  
 bclay@cowin.com  
 T:  
 F: (205)856-2106



## OIL CONDITION

Visc @ 40°C	cSt	█ 29.4	---	---	---
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## CONTAMINATION

Water	%	▲ 1.04	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 27	---	---	---
Copper	ppm	█ 18	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 10	---	---	---
Aluminum	ppm	█ 49	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	85	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	230	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	95	---	---	---

### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the fluid and perform a filter service on this component if not already done. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is hazy. There is a high concentration of water present in the fluid. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO8528  
 Unique No: 11005683  
 Signed: Don Baldrige  
 Report Date: 03 May 2024



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## GRAPHS

