



# CONSTRUCTION EQUIPMENT

## 554300 APTIM VOLVO A35G 340101 - TRANSMISSION (AUTO)



**Sample No:** VCP392923  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 554300 APTIM



### SAMPLE INFORMATION

Sample Number	<b>VCP392923</b>	VCP395756	VCP354556	---
Sample Date	<b>24 May 2023</b>	31 Jan 2023	25 May 2022	---
Machine Hours	<b>7984</b>	7430	6342	---
Oil Hours	<b>2000</b>	2000	500	---
Oil Changed	<b>Changed</b>	Changed	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.3</b>	27.3	27.7	---
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### CONTAMINATION

Silicon	ppm	<b>3</b>	6	4	---
Sodium	ppm	<b>0</b>	3	2	---
Potassium	ppm	<b>2</b>	<1	1	---

### 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	<b>16</b>	33	21	---
Copper	ppm	<b>10</b>	24	16	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>2</b>	4	3	---
Aluminum	ppm	<b>11</b>	26	14	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>2</b>	4	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>&lt;1</b>	1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>75</b>	72	74	---
Magnesium	ppm	<b>&lt;1</b>	<1	<1	---
Zinc	ppm	<b>0</b>	3	<1	---
Phosphorus	ppm	<b>191</b>	181	186	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>101</b>	83	107	---

**Depot:** VOLVO0093  
**Unique No:** 10526302  
**Signed:** Wes Davis  
**Report Date:** 24 Jun 2023



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## GRAPHS

