



# CONSTRUCTION EQUIPMENT

## 716433 APTIM VOLVO A35G 340236 - TRANSMISSION (AUTO)



**Sample No:** VCP451485  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 716433 APTIM



### SAMPLE INFORMATION

Sample Number	<b>VCP451485</b>	VCP437898	VCP444169	VCP435999
Sample Date	<b>22 May 2024</b>	12 Mar 2024	26 Feb 2024	25 Oct 2023
Machine Hours	<b>8569</b>	8945	7992	7463
Oil Hours	<b>500</b>	1000	2000	1400
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	28.6	26.9	28.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	5	3	4
Sodium	ppm	<b>5</b>	2	3	3
Potassium	ppm	<b>3</b>	0	2	0

### 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>18</b>	38	10	13
Copper	ppm	<b>5</b>	12	3	5
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	2	2	1
Aluminum	ppm	<b>17</b>	15	10	12
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	2	1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>73</b>	79	70	63
Magnesium	ppm	<b>1</b>	1	2	0
Zinc	ppm	<b>11</b>	6	2	1
Phosphorus	ppm	<b>190</b>	218	119	182
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>102</b>	88	89	82

**Depot:** VOLVO0093  
**Unique No:** 11072678  
**Signed:** Doug Bogart  
**Report Date:** 12 Jun 2024



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## VOLVO GRAPHS

