



# CONSTRUCTION EQUIPMENT

622053 APTIM VOLVO A35G 340041 - TRANSMISSION (AUTO)



**Sample No:** VCP429224  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 622053 APTIM



## SAMPLE INFORMATION

Sample Number	<b>VCP429224</b>	VCP417023	VCP410216	VCP395997
Sample Date	<b>02 Nov 2023</b>	28 Jul 2023	01 Jun 2023	03 Feb 2023
Machine Hours	<b>13178</b>	12724	12238	11776
Oil Hours	<b>1000</b>	2000	500	1000
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	26.0	21.8	26.0
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## CONTAMINATION

Water	%	<b>0.076</b>	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	5	6	7
Sodium	ppm	<b>5</b>	1	6	7
Potassium	ppm	<b>2</b>	3	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 oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	<b>73</b>	138	136	128
Copper	ppm	<b>12</b>	27	28	24
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>2</b>	5	6	6
Aluminum	ppm	<b>17</b>	27	35	32
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>3</b>	5	6	5
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>&lt;1</b>	2	2	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>83</b>	103	118	108
Magnesium	ppm	<b>2</b>	1	1	1
Zinc	ppm	<b>&lt;1</b>	14	15	6
Phosphorus	ppm	<b>185</b>	156	177	174
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>72</b>	64	73	57

**Depot:** VOLVO0093  
**Unique No:** 10765355  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023



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## VOLVO GRAPHS

