



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341672 - TRANSMISSION



**Sample No:** VCP420316  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP420316</b>	WCMC16422	WCMC165702	WCMC154517
Sample Date	<b>31 Aug 2023</b>	29 Nov 2017	28 Sep 2017	11 Jul 2017
Machine Hours	<b>6207</b>	4261	3260	2154
Oil Hours	<b>0</b>	2107	1106	2154
Oil Changed	<b>N/A</b>	Changed	Not Changd	Changed
Sample Status	<b>ABNORMAL</b>	ABNORMAL	NORMAL	NORMAL

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
 Contact: JIM STRIGLE  
 JIM.STRIGLE@ALTG.COM  
 T: (315)437-2611  
 F: (315)434-9471



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.9</b>	28.02	29.62	27.02
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### CONTAMINATION

Silicon	ppm	<b>8</b>	9	11	18
Sodium	ppm	<b>4</b>	3	3	5
Potassium	ppm	<b>&lt;1</b>	1	0	4

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>78</b>	65	44	74
Copper	ppm	<b>116</b>	251	108	93
Lead	ppm	<b>0</b>	0	0	1
Tin	ppm	<b>9</b>	5	4	8
Aluminum	ppm	<b>18</b>	10	7	15
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>15</b>	16	10	12
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>&lt;1</b>	<1	<1	0
Manganese	ppm	<b>2</b>	1	1	4
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>249</b>	710	851	102
Magnesium	ppm	<b>3</b>	4	4	<1
Zinc	ppm	<b>87</b>	276	312	8
Phosphorus	ppm	<b>286</b>	380	464	210
Barium	ppm	<b>0</b>	<1	0	1
Boron	ppm	<b>101</b>	102	114	80

**Depot:** VOLV00142  
**Unique No:** 10634559  
**Signed:** Don Baldrige  
**Report Date:** 08 Sep 2023



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## VOLVO GRAPHS

