



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342110 - TRANSMISSION (AUTO)



**Sample No:** VCP418939  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP418939</b>	VCP315803	VCP300325	VCP279706
Sample Date	<b>16 Aug 2023</b>	26 Jul 2021	11 Jan 2021	29 Jul 2020
Machine Hours	<b>7194</b>	3926	3210	2406
Oil Hours	<b>1000</b>	2000	0	0
Oil Changed	<b>N/A</b>	Changed	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	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>28.8</b>	26.6	27.1	26.5
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### CONTAMINATION

Silicon	ppm	<b>2</b>	6	2	17
Sodium	ppm	<b>2</b>	5	<1	7
Potassium	ppm	<b>&lt;1</b>	2	1	4



### WEAR METALS

Iron	ppm	<b>8</b>	22	<1	39
Copper	ppm	<b>5</b>	12	<1	21
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>&lt;1</b>	4	0	5
Aluminum	ppm	<b>6</b>	20	<1	29
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>0</b>	1	<1	2
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>&lt;1</b>	1	0	3
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>66</b>	81	97	78
Magnesium	ppm	<b>&lt;1</b>	<1	<1	1
Zinc	ppm	<b>0</b>	0	0	0
Phosphorus	ppm	<b>187</b>	152	183	140
Barium	ppm	<b>0</b>	0	0	1
Boron	ppm	<b>107</b>	101	87	71

### 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.

**Depot:** VOLV00142  
**Unique No:** 10615354  
**Signed:** Wes Davis  
**Report Date:** 22 Aug 2023



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## VOLVO GRAPHS

