



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352780 - TRANSMISSION (AUTO)



**Sample No:** VCP402216  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP402216</b>	VCP332019	VCP332017	---
Sample Date	<b>18 Sep 2023</b>	04 Jan 2022	02 Jan 2022	---
Machine Hours	<b>3652</b>	7065	7065	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.3</b>	28.5	28.2	---
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### CONTAMINATION

Silicon	ppm	<b>6</b>	4	16	---
Sodium	ppm	<b>4</b>	4	5	---
Potassium	ppm	<b>&lt;1</b>	<1	2	---

**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>24</b>	23	34	---
Copper	ppm	<b>22</b>	8	33	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>3</b>	2	5	---
Aluminum	ppm	<b>12</b>	12	15	---
Chromium	ppm	<b>0</b>	0	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>2</b>	<1	4	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	<1	<1	---
Manganese	ppm	<b>&lt;1</b>	<1	4	---
Vanadium	ppm	<b>0</b>	0	0	---

### ADDITIVES

Calcium	ppm	<b>80</b>	78	76	---
Magnesium	ppm	<b>3</b>	3	<1	---
Zinc	ppm	<b>45</b>	9	9	---
Phosphorus	ppm	<b>220</b>	194	192	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>75</b>	88	72	---

**Depot:** VOLVO0090  
**Unique No:** 10659125  
**Signed:** Wes Davis  
**Report Date:** 22 Sep 2023



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## GRAPHS

