



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352497 - TRANSMISSION (AUTO)



**Sample No:** VCP451107  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP451107</b>	VCP324312	---	---
Sample Date	<b>16 May 2024</b>	04 May 2021	---	---
Machine Hours	<b>5924</b>	1085	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Changed</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

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

Visc @ 40°C	cSt	<b>23.5</b>	27.0	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<b>10</b>	13	---	---
Sodium	ppm	<b>3</b>	3	---	---
Potassium	ppm	<b>3</b>	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>25</b>	31	---	---
Copper	ppm	<b>19</b>	40	---	---
Lead	ppm	<b>&lt;1</b>	<1	---	---
Tin	ppm	<b>4</b>	4	---	---
Aluminum	ppm	<b>15</b>	7	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>1</b>	<1	---	---
Nickel	ppm	<b>3</b>	5	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>&lt;1</b>	0	---	---
Manganese	ppm	<b>2</b>	3	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>114</b>	93	---	---
Magnesium	ppm	<b>4</b>	2	---	---
Zinc	ppm	<b>9</b>	0	---	---
Phosphorus	ppm	<b>194</b>	162	---	---
Barium	ppm	<b>0</b>	2	---	---
Boron	ppm	<b>88</b>	65	---	---

**Depot:** VOLVO0090  
**Unique No:** 11036113  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## GRAPHS

