



# CONSTRUCTION EQUIPMENT

## 0000152 VOLVO A45G 352341 - TRANSMISSION (AUTO)



**Sample No:** VCP427220  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 00000152



### SAMPLE INFORMATION

Sample Number	<b>VCP427220</b>	VCP356198	VCP347982	---
Sample Date	<b>30 Jun 2023</b>	22 Mar 2022	26 Jan 2022	---
Machine Hours	<b>4913</b>	2735	2505	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.7</b>	28.1	28.3	---
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### CONTAMINATION

Silicon	ppm	<b>5</b>	5	7	---
Sodium	ppm	<b>3</b>	3	<1	---
Potassium	ppm	<b>3</b>	<1	<1	---

### 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>28</b>	19	34	---
Copper	ppm	<b>30</b>	22	53	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>4</b>	3	5	---
Aluminum	ppm	<b>13</b>	10	19	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>&lt;1</b>	<1	0	---
Nickel	ppm	<b>4</b>	3	9	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	<1	1	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>85</b>	81	82	---
Magnesium	ppm	<b>1</b>	<1	<1	---
Zinc	ppm	<b>&lt;1</b>	0	0	---
Phosphorus	ppm	<b>204</b>	192	194	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>96</b>	75	93	---

**Depot:** VOLVO0090  
**Unique No:** 10547483  
**Signed:** Wes Davis  
**Report Date:** 07 Jul 2023



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## GRAPHS

