



# CONSTRUCTION EQUIPMENT

## SPM645219-10 VOLVO A45G 353334 - TRANSMISSION (AUTO)



**Sample No:** VCP421347  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SPM645219-10



### SAMPLE INFORMATION

Sample Number	<b>VCP421347</b>	VCP323825	---	---
Sample Date	<b>05 Dec 2023</b>	12 Sep 2023	---	---
Machine Hours	<b>2529</b>	1931	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
5151 DR MARTIN LUTHER KING BLVD  
FORT MYERS, FL  
US 33905  
Contact: TODD LARK  
tlark@altaequipfl.com  
T:  
F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	29.9	---	---
-------------	-----	-------------	------	-----	-----



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>7</b>	6	---	---
Sodium	ppm	<b>4</b>	4	---	---
Potassium	ppm	<b>&lt;1</b>	1	---	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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>20</b>	21	---	---
Copper	ppm	<b>9</b>	9	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>2</b>	2	---	---
Aluminum	ppm	<b>14</b>	11	---	---
Chromium	ppm	<b>&lt;1</b>	0	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>2</b>	2	---	---
Vanadium	ppm	<b>0</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>71</b>	83	---	---
Magnesium	ppm	<b>&lt;1</b>	0	---	---
Zinc	ppm	<b>0</b>	0	---	---
Phosphorus	ppm	<b>190</b>	204	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>95</b>	94	---	---

**Depot:** VOLVO0090  
**Unique No:** 10780840  
**Signed:** Don Baldrige  
**Report Date:** 14 Dec 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

