



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352787 - TRANSMISSION (AUTO)



**Sample No:** VCP412290  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP412290	VCP344122	---	---
Sample Date	21 Aug 2023	28 Jan 2022	---	---
Machine Hours	3708	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	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	█ 29.0	█ 33.8	---	---
-------------	-----	--------	--------	-----	-----



### CONTAMINATION

Silicon	ppm	█ 5	█ 6	---	---
Sodium	ppm	█ 3	█ 0	---	---
Potassium	ppm	█ 0	█ <1	---	---



### WEAR METALS

Iron	ppm	█ 27	█ 20	---	---
Copper	ppm	█ 12	█ 17	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 2	█ 3	---	---
Aluminum	ppm	█ 12	▲ 99	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ <1	█ 7	---	---
Nickel	ppm	█ 1	█ 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ <1	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	<1	0	---	---



### ADDITIVES

Calcium	ppm	█ 86	█ 221	---	---
Magnesium	ppm	█ 2	█ 108	---	---
Zinc	ppm	█ 11	█ 141	---	---
Phosphorus	ppm	█ 209	█ 327	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 86	█ 83	---	---

### Diagnosis

We recommend you service the filters on this component. 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.

**Depot:** VOLVO0090  
**Unique No:** 10620332  
**Signed:** Don Baldrige  
**Report Date:** 28 Aug 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

