



# CONSTRUCTION EQUIPMENT

## 347394 VOLVO A45G 353471 - TRANSMISSION (AUTO)



**Sample No:** VCP383193  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 347394



### SAMPLE INFORMATION

Sample Number	VCP383193	---	---	---
Sample Date	26 Aug 2023	---	---	---
Machine Hours	560	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
 NEW HUDSON, MI  
 US 48165  
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 paul.elzerman@altaequipment.com  
 T: (248)356-5200  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 27.8	---	---	---
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### CONTAMINATION

Silicon	ppm	▲ 21	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 54	---	---	---
Copper	ppm	█ 27	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 25	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 86	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 215	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 87	---	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO2990  
**Unique No:** 10629084  
**Signed:** Angela Borella  
**Report Date:** 31 Aug 2023



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## GRAPHS

