



# CONSTRUCTION EQUIPMENT

## 375379 VOLVO A25F 80028 - TRANSMISSION (AUTO)



**Sample No:** VCP392456  
**Oil Type:** VOLVO AT 102  
**Job No:** 375379



### SAMPLE INFORMATION

Sample Number	VCP392456	---	---	---
Sample Date	15 Aug 2023	---	---	---
Machine Hours	16156	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIPMENT

54 IBER ROAD  
 OTTAWA, ON  
 CA K2S 1E8  
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### OIL CONDITION

Visc @ 40°C	cSt	▲ 66.0	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 3	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---



### WEAR METALS

Iron	ppm	■ 16	---	---	---
Copper	ppm	▲ 278	---	---	---
Lead	ppm	■ 9	---	---	---
Tin	ppm	■ 9	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	▲ 6	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	▲ 1629	---	---	---
Magnesium	ppm	■ 10	---	---	---
Zinc	ppm	▲ 638	---	---	---
Phosphorus	ppm	■ 650	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 40	---	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Silver and copper ppm levels are abnormal. Clutch disc wear or oil cooler leaching indicated. There is no indication of any contamination in the fluid. Viscosity of sample indicates oil is within SAE 30 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** SHESTI  
**Unique No:** 5629539  
**Signed:** Kevin Marson  
**Report Date:** 18 Aug 2023



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## VOLVO GRAPHS

