



# CONSTRUCTION EQUIPMENT

3688BS PENNSY VOLVO A40F 12323 - TRANSMISSION (AUTO)



**Sample No:** VCP435036  
**Oil Type:** VOLVO AT 102  
**Job No:** 3688BS PENNSY



## SAMPLE INFORMATION

Sample Number	VCP435036	VCP309973	---	---
Sample Date	24 Aug 2023	07 Sep 2021	---	---
Machine Hours	9660	7987	---	---
Oil Hours	20	1800	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

### PENNSY SUPPLY

200 BURKHOLDER DRIVE  
EPHRATA, PA  
US 17522  
Contact: TYLER MADENFORD



## OIL CONDITION

Visc @ 40°C	cSt	30.1	28.1	---	---
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T: (717)859-2132  
F:



## CONTAMINATION

Silicon	ppm	4	4	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	<1	8	---	---

### 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	5	15	---	---
Copper	ppm	2	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	8	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	100	97	---	---
Magnesium	ppm	4	4	---	---
Zinc	ppm	14	14	---	---
Phosphorus	ppm	207	197	---	---
Barium	ppm	0	0	---	---
Boron	ppm	97	96	---	---

**Depot:** PENEPH  
**Unique No:** 10630584  
**Signed:** Wes Davis  
**Report Date:** 31 Aug 2023



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## VOLVO GRAPHS

