



# CONSTRUCTION EQUIPMENT

## SWO-070672 VOLVO A45G 342095 - TRANSMISSION (AUTO)



**Sample No:** VCP444063  
**Oil Type:** VOLVO AT 102  
**Job No:** SWO-070672



### SAMPLE INFORMATION

Sample Number	<b>VCP444063</b>	VCP425021	VCP402777	VCP388366
Sample Date	<b>28 Mar 2024</b>	26 Oct 2023	02 May 2023	13 Dec 2022
Machine Hours	<b>9035</b>	8727	7961	7510
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

4400 LEWISBURG RD  
 BIRMINGHAM, AL  
 US 35207

Contact: STEPHANI BRITTON  
 sbritton@saiia.com;doug.bogart@wearcheck.com  
 T: (205)943-2268  
 F: (205)943-2269



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.6	28.6	28.8
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	8	2
Sodium	ppm	<b>4</b>	2	4	2
Potassium	ppm	<b>0</b>	<1	0	0

### 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	<b>22</b>	6	13	6
Copper	ppm	<b>11</b>	1	7	4
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>2</b>	<1	<1	<1
Aluminum	ppm	<b>10</b>	3	6	4
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>58</b>	67	73	74
Magnesium	ppm	<b>0</b>	1	2	0
Zinc	ppm	<b>0</b>	0	0	5
Phosphorus	ppm	<b>194</b>	183	196	190
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>91</b>	90	79	98

**Depot:** SAIBIR  
**Unique No:** 10962638  
**Signed:** Sean Felton  
**Report Date:** 05 Apr 2024



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## GRAPHS

