



# CONSTRUCTION EQUIPMENT

## SWO-071952 VOLVO A45G 352969 - TRANSMISSION (AUTO)



**Sample No:** VCP439683  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWO-071952



### SAMPLE INFORMATION

Sample Number	<b>VCP439683</b>	VCP446714	VCP414808	VCP433940
Sample Date	<b>23 May 2024</b>	27 Feb 2024	20 Dec 2023	19 Sep 2023
Machine Hours	<b>3944</b>	3453	2980	2491
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	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	27.9	28.1	28.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	4	0	4
Sodium	ppm	<b>5</b>	4	0	1
Potassium	ppm	<b>3</b>	<1	0	1

### 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>32</b>	25	17	14
Copper	ppm	<b>12</b>	9	4	4
Lead	ppm	<b>0</b>	2	0	0
Tin	ppm	<b>2</b>	1	0	<1
Aluminum	ppm	<b>16</b>	12	5	5
Chromium	ppm	<b>0</b>	0	1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>2</b>	1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	0	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>76</b>	70	80	74
Magnesium	ppm	<b>1</b>	1	0	2
Zinc	ppm	<b>7</b>	0	0	6
Phosphorus	ppm	<b>196</b>	186	222	183
Barium	ppm	<b>0</b>	0	4	0
Boron	ppm	<b>86</b>	83	96	96

**Depot:** SAIBIR  
**Unique No:** 11057957  
**Signed:** Don Baldrige  
**Report Date:** 02 Jun 2024



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## VOLVO GRAPHS

