



# CONSTRUCTION EQUIPMENT

SWO-064668 VOLVO A45G 352639 - TRANSMISSION (AUTO)



**Sample No:** VCP416374  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWO-064668



## SAMPLE INFORMATION

Sample Number	<b>VCP416374</b>	VCP410475	VCP397101	VCP368330
Sample Date	<b>07 Aug 2023</b>	12 May 2023	17 Feb 2023	08 Nov 2022
Machine Hours	<b>4377</b>	3923	3418	2948
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.5</b>	28.9	28.9	28.3
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## CONTAMINATION

Silicon	ppm	<b>3</b>	4	3	6
Sodium	ppm	<b>0</b>	2	2	4
Potassium	ppm	<b>&lt;1</b>	1	0	<1



## WEAR METALS

Iron	ppm	<b>8</b>	16	12	33
Copper	ppm	<b>5</b>	13	10	31
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	2	<1	4
Aluminum	ppm	<b>4</b>	7	3	10
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	2	<1	4
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>81</b>	94	77	180
Magnesium	ppm	<b>3</b>	2	6	4
Zinc	ppm	<b>9</b>	15	21	21
Phosphorus	ppm	<b>178</b>	190	162	226
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>86</b>	89	92	81

## 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.

**Depot:** SAIBIR  
**Unique No:** 10603769  
**Signed:** Don Baldrige  
**Report Date:** 15 Aug 2023



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## GRAPHS

