



# CONSTRUCTION EQUIPMENT

## SWO065912 VOLVO A30G 752677 - TRANSMISSION (AUTO)



**Sample No:** VCP433843  
**Oil Type:** VOLVO AT 102  
**Job No:** SWO065912



### SAMPLE INFORMATION

Sample Number	<b>VCP433843</b>	VCP424274	VCP369031	VCP363650
Sample Date	<b>18 Sep 2023</b>	23 Jun 2023	18 Nov 2022	11 Aug 2022
Machine Hours	<b>1919</b>	2405	915	434
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.4</b>	29.7	30.4	30.6
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### CONTAMINATION

Silicon	ppm	<b>6</b>	4	12	11
Sodium	ppm	<b>3</b>	3	3	3
Potassium	ppm	<b>&lt;1</b>	1	0	2



### WEAR METALS

Iron	ppm	<b>13</b>	9	21	13
Copper	ppm	<b>6</b>	4	10	8
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	2	3	2
Aluminum	ppm	<b>11</b>	8	17	10
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	<1	<1	0
Nickel	ppm	<b>0</b>	<1	1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>67</b>	68	66	69
Magnesium	ppm	<b>2</b>	0	<1	0
Zinc	ppm	<b>0</b>	0	2	2
Phosphorus	ppm	<b>192</b>	181	185	161
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>89</b>	82	65	82

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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:** 10659130  
**Signed:** Don Baldrige  
**Report Date:** 23 Sep 2023



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## VOLVO GRAPHS

