



# CONSTRUCTION EQUIPMENT

## 634802 VOLVO A30G 752326 - TRANSMISSION (AUTO)



**Sample No:** VCP433451  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 634802



### SAMPLE INFORMATION

Sample Number	<b>VCP433451</b>	VCP424502	VCP396878	VCP386178
Sample Date	<b>30 Nov 2023</b>	06 Jun 2023	08 Mar 2023	18 Nov 2022
Machine Hours	<b>4560</b>	3591	3043	2471
Oil Hours	<b>500</b>	0	1500	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
 TAMPA, FL  
 US 33619  
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 PMServices@ripaconstruction.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.9</b>	30.1	27.7	28.8
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	5	8	6
Sodium	ppm	<b>0</b>	4	5	4
Potassium	ppm	<b>&lt;1</b>	0	<1	<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>6</b>	29	27	26
Copper	ppm	<b>2</b>	10	13	8
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	3	3	2
Aluminum	ppm	<b>2</b>	20	17	11
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	1	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>72</b>	61	69	77
Magnesium	ppm	<b>&lt;1</b>	0	0	<1
Zinc	ppm	<b>0</b>	0	2	7
Phosphorus	ppm	<b>252</b>	205	185	190
Barium	ppm	<b>3</b>	0	0	<1
Boron	ppm	<b>112</b>	81	85	86

**Depot:** RIPTAM  
**Unique No:** 10834614  
**Signed:** Don Baldrige  
**Report Date:** 19 Jan 2024



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## VOLVO GRAPHS

