



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 752489 - TRANSMISSION (AUTO)



**Sample No:** VCP437495  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP437495</b>	VCP454170	VCP407847	VCP398077
Sample Date	<b>11 Apr 2024</b>	12 Jan 2024	16 Jun 2023	04 Mar 2023
Machine Hours	<b>6564</b>	3549	4995	4274
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	N/A	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**RIPA AND ASSOCIATES**  
 10149 FISHER AVENUE  
 TAMPA, FL  
 US 33619  
 Contact: PM Services  
 PMServices@ripaconstruction.com  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.3	28.7	26.7
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### CONTAMINATION

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

**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>18</b>	23	14	33
Copper	ppm	<b>24</b>	19	9	27
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>6</b>	3	1	7
Aluminum	ppm	<b>18</b>	11	10	19
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>4</b>	2	1	5
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	0	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>80</b>	70	66	92
Magnesium	ppm	<b>2</b>	1	0	6
Zinc	ppm	<b>7</b>	0	0	0
Phosphorus	ppm	<b>223</b>	184	196	216
Barium	ppm	<b>&lt;1</b>	5	0	0
Boron	ppm	<b>111</b>	93	94	77

**Depot:** RIPTAM  
**Unique No:** 11083476  
**Signed:** Angela Borella  
**Report Date:** 17 Jun 2024



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## VOLVO GRAPHS

