



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 75214 - TRANSMISSION (AUTO)



**Sample No:** VCP454762  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP454762</b>	VCP432498	VCP423526	VCP389377
Sample Date	<b>03 May 2024</b>	30 Oct 2023	07 Apr 2023	03 Oct 2022
Machine Hours	<b>2913</b>	2827	1594	507
Oil Hours	<b>0</b>	0	1594	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	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>31.8</b>	33.2	28.1	28.4
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### CONTAMINATION

Water	%	<b>NEG</b>	0.084	NEG	NEG
Silicon	ppm	<b>7</b>	7	19	15
Sodium	ppm	<b>3</b>	2	4	2
Potassium	ppm	<b>1</b>	2	4	0

**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>36</b>	27	65	28
Copper	ppm	<b>6</b>	7	16	9
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>1</b>	1	4	1
Aluminum	ppm	<b>13</b>	9	16	8
Chromium	ppm	<b>0</b>	<1	<1	0
Molybdenum	ppm	<b>0</b>	<1	<1	0
Nickel	ppm	<b>0</b>	<1	2	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	5	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>64</b>	58	71	72
Magnesium	ppm	<b>0</b>	2	2	<1
Zinc	ppm	<b>5</b>	0	9	0
Phosphorus	ppm	<b>224</b>	219	178	191
Barium	ppm	<b>0</b>	0	2	0
Boron	ppm	<b>73</b>	67	86	79

**Depot:** RIPTAM  
**Unique No:** 11031873  
**Signed:** Don Baldrige  
**Report Date:** 17 May 2024



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## VOLVO GRAPHS

