



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 752 151 - TRANSMISSION (AUTO)



**Sample No:** VCP440494  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP440494</b>	VCP441649	VCP435579	VCP414763
Sample Date	<b>05 Jun 2024</b>	15 Feb 2024	06 Dec 2023	14 Aug 2023
Machine Hours	<b>6763</b>	6122	5738	5197
Oil Hours	<b>0</b>	2000	0	1000
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

**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>28.4</b>	28.3	28.1	28.1
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	0.000	NEG
Silicon	ppm	<b>4</b>	5	3	5
Sodium	ppm	<b>4</b>	4	4	4
Potassium	ppm	<b>4</b>	0	<1	2

**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>16</b>	24	18	17
Copper	ppm	<b>9</b>	17	13	12
Lead	ppm	<b>3</b>	0	0	0
Tin	ppm	<b>3</b>	5	4	3
Aluminum	ppm	<b>7</b>	21	16	15
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>2</b>	0	0	0
Nickel	ppm	<b>&lt;1</b>	2	1	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>39</b>	63	67	84
Magnesium	ppm	<b>&lt;1</b>	0	0	1
Zinc	ppm	<b>0</b>	0	2	8
Phosphorus	ppm	<b>132</b>	190	199	207
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>69</b>	87	88	85

**Depot:** RIPTAM  
**Unique No:** 11074438  
**Signed:** Don Baldrige  
**Report Date:** 13 Jun 2024



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## VOLVO GRAPHS

