



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742060 - TRANSMISSION (AUTO)



**Sample No:** VCP422944  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP422944</b>	VCP398960	VCP386081	VCP377383
Sample Date	<b>24 Jul 2023</b>	13 Dec 2022	26 Sep 2022	21 Jun 2022
Machine Hours	<b>7223</b>	8120	7673	7206
Oil Hours	<b>0</b>	2000	1600	1500
Oil Changed	<b>N/A</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: ROBERT TURNER  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>26.1</b>	27.9	28.1	27.9
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### CONTAMINATION

Silicon	ppm	<b>3</b>	4	5	7
Sodium	ppm	<b>4</b>	4	4	2
Potassium	ppm	<b>&lt;1</b>	0	2	0



### WEAR METALS

Iron	ppm	<b>18</b>	31	23	25
Copper	ppm	<b>13</b>	25	18	19
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>2</b>	4	2	3
Aluminum	ppm	<b>8</b>	15	13	13
Chromium	ppm	<b>0</b>	0	<1	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>1</b>	3	3	3
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	1	<1
Vanadium	ppm	<b>0</b>	0	1	0



### ADDITIVES

Calcium	ppm	<b>74</b>	101	90	84
Magnesium	ppm	<b>2</b>	2	0	2
Zinc	ppm	<b>0</b>	6	<1	4
Phosphorus	ppm	<b>183</b>	190	182	187
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>95</b>	90	73	89

### 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.

**Depot:** RIPTAM  
**Unique No:** 10606423  
**Signed:** Wes Davis  
**Report Date:** 17 Aug 2023



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## GRAPHS

