



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742023 - TRANSMISSION (AUTO)



**Sample No:** VCP447351  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP447351</b>	VCP440040	VCP447044	VCP414673
Sample Date	<b>22 Jun 2024</b>	02 Apr 2024	01 Apr 2024	11 Sep 2023
Machine Hours	<b>9811</b>	8289	8289	8246
Oil Hours	<b>0</b>	0	0	2000
Oil Changed	<b>Not Changd</b>	N/A	Not Changd	Changed
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>29.8</b>	38.6	28.66	28.1
-------------	-----	-------------	------	-------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	3	4
Sodium	ppm	<b>0</b>	3	<1	2
Potassium	ppm	<b>1</b>	1	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>1</b>	16	17	20
Copper	ppm	<b>&lt;1</b>	6	2	9
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	2
Aluminum	ppm	<b>2</b>	7	3	6
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	1
Titanium	ppm	<b>&lt;1</b>	<1	<1	0
Silver	ppm	<b>&lt;1</b>	<1	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>80</b>	67	72	69
Magnesium	ppm	<b>2</b>	2	2	2
Zinc	ppm	<b>10</b>	201	13	6
Phosphorus	ppm	<b>163</b>	271	188	183
Barium	ppm	<b>0</b>	<1	0	2
Boron	ppm	<b>106</b>	48	92	83

**Depot:** RIPTAM  
**Unique No:** 11114156  
**Signed:** Jonathan Hester  
**Report Date:** 10 Jul 2024

**VOLVO** GRAPHS

