



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 752 153 - TRANSMISSION (AUTO)



**Sample No:** VCP440419  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP440419</b>	VCP429000	VCP411826	VCP410218
Sample Date	<b>15 Feb 2024</b>	27 Oct 2023	21 Jul 2023	24 Apr 2023
Machine Hours	<b>5085</b>	4507	3990	3570
Oil Hours	<b>0</b>	0	2000	1570
Oil Changed	<b>Not Changd</b>	N/A	Changed	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>28.5</b>	28.8	28.6	28.4
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### CONTAMINATION

Water	%	<b>NEG</b>	0.075	NEG	NEG
Silicon	ppm	<b>9</b>	4	6	6
Sodium	ppm	<b>2</b>	5	3	3
Potassium	ppm	<b>2</b>	1	2	3

**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>	10	27	26
Copper	ppm	<b>7</b>	4	8	6
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>3</b>	2	4	3
Aluminum	ppm	<b>13</b>	7	18	14
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>1</b>	0	<1	0
Nickel	ppm	<b>1</b>	<1	1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>88</b>	63	72	71
Magnesium	ppm	<b>2</b>	2	1	4
Zinc	ppm	<b>4</b>	4	7	4
Phosphorus	ppm	<b>254</b>	162	189	205
Barium	ppm	<b>0</b>	<1	1	0
Boron	ppm	<b>137</b>	85	95	82

**Depot:** RIPTAM  
**Unique No:** 11019090  
**Signed:** Sean Felton  
**Report Date:** 10 May 2024



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## VOLVO GRAPHS

