



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352489 - TRANSMISSION (AUTO)



**Sample No:** VCP449520  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP449520</b>	VCP436200	VCP343146	VCP308590
Sample Date	<b>16 May 2024</b>	13 Dec 2023	04 Nov 2021	12 Apr 2021
Machine Hours	<b>7080</b>	6270	2129	814
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	ABNORMAL

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>24.0</b>	28.0	27.8	29.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	14	7	11
Sodium	ppm	<b>5</b>	4	7	6
Potassium	ppm	<b>4</b>	2	3	5

### 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>29</b>	26	17	22
Copper	ppm	<b>31</b>	26	40	33
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>5</b>	3	4	3
Aluminum	ppm	<b>16</b>	18	9	7
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>1</b>	<1	<1	<1
Nickel	ppm	<b>5</b>	4	6	4
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>&lt;1</b>	0	0	<1
Manganese	ppm	<b>3</b>	1	2	3
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>81</b>	83	86	93
Magnesium	ppm	<b>3</b>	0	1	4
Zinc	ppm	<b>8</b>	0	2	13
Phosphorus	ppm	<b>194</b>	144	198	157
Barium	ppm	<b>0</b>	0	0	1
Boron	ppm	<b>84</b>	82	92	61

**Depot:** VOLVO0090  
**Unique No:** 11036110  
**Signed:** Sean Felton  
**Report Date:** 22 May 2024



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## VOLVO GRAPHS

