



# CONSTRUCTION EQUIPMENT

## 704279 PRIMOVIS VOLVO A40G 352781 - TRANSMISSION (AUTO)



**Sample No:** VCP447380  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 704279 PRIMOVIS



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### SAMPLE INFORMATION

Sample Number	<b>VCP447380</b>	VCP432199	VCP392738	VCP398772
Sample Date	<b>18 Apr 2024</b>	15 Nov 2023	26 Apr 2023	17 Jan 2023
Machine Hours	<b>4902</b>	4220	3725	3066
Oil Hours	<b>500</b>	2000	1725	1000
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	MARGINAL	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.6	28.6	29.3
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### CONTAMINATION

Water	%	<b>NEG</b>	▲ 0.107	NEG	NEG
Silicon	ppm	<b>5</b>	5	4	4
Sodium	ppm	<b>2</b>	3	0	2
Potassium	ppm	<b>3</b>	2	2	0



### WEAR METALS

Iron	ppm	<b>18</b>	14	13	8
Copper	ppm	<b>6</b>	8	10	7
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>1</b>	1	2	<1
Aluminum	ppm	<b>7</b>	10	10	5
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	2	1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>70</b>	67	72	72
Magnesium	ppm	<b>2</b>	1	<1	0
Zinc	ppm	<b>5</b>	0	1	0
Phosphorus	ppm	<b>206</b>	195	187	185
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>99</b>	84	91	97

### 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:** VOLVO0093  
**Unique No:** 11036716  
**Signed:** Don Baldrige  
**Report Date:** 22 May 2024



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## GRAPHS

