



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352025 - TRANSMISSION (AUTO)



**Sample No:** VCP416946  
**Oil Type:** MOBIL MULTI-PURPOSE ATF  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416946</b>	VCP331587	VCP405663	VCP400106
Sample Date	<b>14 Feb 2024</b>	06 Nov 2023	21 Aug 2023	30 May 2023
Machine Hours	<b>10331</b>	9810	9271	8804
Oil Hours	<b>521</b>	539	467	551
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.8</b>	28.6	27.9	29.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>1</b>	2	2	2
Sodium	ppm	<b>3</b>	4	6	2
Potassium	ppm	<b>0</b>	2	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>0</b>	2	5	6
Copper	ppm	<b>8</b>	7	8	7
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>3</b>	2	2	2
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	2	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	<1	0
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>85</b>	119	196	79
Magnesium	ppm	<b>1</b>	7	17	0
Zinc	ppm	<b>0</b>	6	46	0
Phosphorus	ppm	<b>212</b>	254	290	224
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>128</b>	101	96	115

**Depot:** SCHGRE  
**Unique No:** 10898781  
**Signed:** Wes Davis  
**Report Date:** 27 Feb 2024



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## VOLVO GRAPHS

