



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341476 - TRANSMISSION (AUTO)



**Sample No:** VCP433201

**Oil Type:** MOBIL MULTI-PURPOSE ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP433201</b>	VCP339692	VCP378444	VCP400072
Sample Date	<b>27 Mar 2024</b>	04 Dec 2023	12 Sep 2023	20 Jun 2023
Machine Hours	<b>17973</b>	17394	16932	16355
Oil Hours	<b>579</b>	462	577	613
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>28.3</b>	28.3	27.6	28.9
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### CONTAMINATION

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



### ADDITIVES

Calcium	ppm	<b>109</b>	97	113	84
Magnesium	ppm	<b>2</b>	3	2	0
Zinc	ppm	<b>11</b>	0	11	0
Phosphorus	ppm	<b>273</b>	219	246	247
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>118</b>	122	118	131

**Depot:** SCHGRE  
**Unique No:** 10963746  
**Signed:** Wes Davis  
**Report Date:** 05 Apr 2024



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## GRAPHS

