



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341476 - TRANSMISSION (AUTO)



**Sample No:** VCP400072  
**Oil Type:** MOBIL MULTI-PURPOSE ATF  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP400072</b>	VCP384418	VCP373799	VCP342163
Sample Date	<b>20 Jun 2023</b>	27 Mar 2023	09 Jan 2023	16 Sep 2022
Machine Hours	<b>16355</b>	15742	25295	14679
Oil Hours	<b>613</b>	447	616	580
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>28.9</b>	28.9	33.8	28.7
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### CONTAMINATION

Silicon	ppm	<b>2</b>	2	3	3
Sodium	ppm	<b>1</b>	<1	2	3
Potassium	ppm	<b>&lt;1</b>	<1	0	6

### 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>6</b>	4	8	6
Copper	ppm	<b>1</b>	<1	2	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	<1	1
Aluminum	ppm	<b>5</b>	4	5	5
Chromium	ppm	<b>0</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>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>84</b>	86	82	75
Magnesium	ppm	<b>0</b>	8	<1	2
Zinc	ppm	<b>0</b>	0	0	5
Phosphorus	ppm	<b>247</b>	239	258	217
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>131</b>	115	117	106

**Depot:** SCHGRE  
**Unique No:** 10546450  
**Signed:** Wes Davis  
**Report Date:** 06 Jul 2023



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## GRAPHS

