



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342010 - TRANSMISSION (AUTO)



**Sample No:** VCP379368

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP379368</b>	VCP384425	VCP359600	VCP359532
Sample Date	<b>20 Jun 2023</b>	27 Mar 2023	09 Jan 2023	25 Oct 2022
Machine Hours	<b>7743</b>	7115	6620	6231
Oil Hours	<b>628</b>	495	389	553
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>29.4</b>	29.7	29.6	29.25
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### CONTAMINATION

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

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>8</b>	5	8	14
Copper	ppm	<b>2</b>	2	4	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	<1	1
Aluminum	ppm	<b>4</b>	3	5	6
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>82</b>	93	78	75
Magnesium	ppm	<b>0</b>	8	2	<1
Zinc	ppm	<b>0</b>	0	9	0
Phosphorus	ppm	<b>248</b>	239	230	225
Barium	ppm	<b>0</b>	0	3	0
Boron	ppm	<b>132</b>	113	118	107

**Depot:** SCHGRE  
**Unique No:** 10546452  
**Signed:** Don Baldrige  
**Report Date:** 07 Jul 2023



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## VOLVO GRAPHS

