



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342610 - TRANSMISSION (AUTO)



**Sample No:** VCP416957

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416957</b>	VCP362697	VCP406470	VCP395620
Sample Date	<b>07 Feb 2024</b>	24 Oct 2023	13 Jul 2023	27 Apr 2023
Machine Hours	<b>11084</b>	10504	9910	9441
Oil Hours	<b>580</b>	594	469	675
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.3</b>	29.1	30.4	29.7
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	2	3
Sodium	ppm	<b>3</b>	0	2	4
Potassium	ppm	<b>0</b>	<1	2	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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>0</b>	5	6	6
Copper	ppm	<b>7</b>	9	8	9
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	<1	<1
Aluminum	ppm	<b>2</b>	<1	2	2
Chromium	ppm	<b>0</b>	<1	0	0
Molybdenum	ppm	<b>0</b>	<1	1	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	0	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>98</b>	149	200	75
Magnesium	ppm	<b>2</b>	7	16	2
Zinc	ppm	<b>3</b>	26	54	0
Phosphorus	ppm	<b>220</b>	249	259	224
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>134</b>	110	103	102

**Depot:** SCHGRE  
**Unique No:** 10898786  
**Signed:** Jonathan Hester  
**Report Date:** 28 Feb 2024



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## GRAPHS

