



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342373 - TRANSMISSION (AUTO)



**Sample No:** VCP341877

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP341877</b>	VCP400059	VCP404506	VCP385692
Sample Date	<b>09 Oct 2023</b>	19 Jul 2023	02 May 2023	13 Feb 2023
Machine Hours	<b>11957</b>	11379	10860	10345
Oil Hours	<b>578</b>	519	515	514
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>29.2</b>	30.8	33.5	29.2
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### CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	5
Sodium	ppm	<b>0</b>	2	4	0
Potassium	ppm	<b>1</b>	2	<1	2



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	<b>145</b>	232	264	216
Magnesium	ppm	<b>6</b>	18	24	11
Zinc	ppm	<b>18</b>	68	77	63
Phosphorus	ppm	<b>217</b>	258	278	268
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>116</b>	97	93	114

### 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.

**Depot:** SCHGRE  
**Unique No:** 10701263  
**Signed:** Wes Davis  
**Report Date:** 20 Oct 2023



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## GRAPHS

