



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342253 - TRANSMISSION (AUTO)



**Sample No:** VCP443430

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP443430</b>	VCP441999	VCP395131	VCP404855
Sample Date	<b>19 Apr 2024</b>	05 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	<b>11686</b>	11196	10697	10232
Oil Hours	<b>490</b>	499	465	523
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>30.2</b>	30.1	29.7	27.8
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	4	3
Sodium	ppm	<b>&lt;1</b>	0	2	3
Potassium	ppm	<b>2</b>	<1	0	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>9</b>	9	7	6
Copper	ppm	<b>4</b>	4	4	4
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>1</b>	<1	<1	1
Aluminum	ppm	<b>3</b>	2	3	3
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>4</b>	3	2	0
Nickel	ppm	<b>&lt;1</b>	<1	<1	<1
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</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>233</b>	223	186	178
Magnesium	ppm	<b>25</b>	22	4	8
Zinc	ppm	<b>66</b>	50	46	31
Phosphorus	ppm	<b>288</b>	337	244	249
Barium	ppm	<b>0</b>	12	0	0
Boron	ppm	<b>128</b>	108	101	91

**Depot:** SCHGRE  
**Unique No:** 11009618  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024



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## VOLVO GRAPHS

