



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342252 - TRANSMISSION (AUTO)



**Sample No:** VCP401116

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP401116</b>	VCP398011	VCP385245	VCP404865
Sample Date	<b>30 Oct 2023</b>	29 Aug 2023	06 Jun 2023	22 Mar 2023
Machine Hours	<b>11266</b>	10867	10425	9960
Oil Hours	<b>399</b>	442	465	343
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	ABNORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>30.1</b>	28.4	30.8	30.4
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### CONTAMINATION

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



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	<b>186</b>	178	275	202
Magnesium	ppm	<b>6</b>	8	16	11
Zinc	ppm	<b>50</b>	32	85	54
Phosphorus	ppm	<b>248</b>	251	280	249
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>102</b>	91	105	114

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** SCHGRE  
**Unique No:** 10737014  
**Signed:** Don Baldrige  
**Report Date:** 13 Nov 2023



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## GRAPHS

