



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352349 - TRANSMISSION (AUTO)



**Sample No:** VCP436373

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436373</b>	VCP396989	VCP405245	VCP342182
Sample Date	<b>08 Feb 2024</b>	30 Oct 2023	29 Aug 2023	06 Jun 2023
Machine Hours	<b>6743</b>	6234	5785	5215
Oil Hours	<b>509</b>	449	570	520
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>29.8</b>	28.9	28.0	30.3
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### CONTAMINATION

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

### 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>8</b>	5	8	12
Copper	ppm	<b>13</b>	10	16	15
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	2	2	3
Aluminum	ppm	<b>5</b>	6	7	8
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>3</b>	0	0	2
Nickel	ppm	<b>2</b>	2	2	4
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>188</b>	104	178	325
Magnesium	ppm	<b>17</b>	0	7	19
Zinc	ppm	<b>35</b>	9	30	100
Phosphorus	ppm	<b>336</b>	221	255	334
Barium	ppm	<b>12</b>	0	0	0
Boron	ppm	<b>111</b>	112	97	126

**Depot:** SCHGRE  
**Unique No:** 10876616  
**Signed:** Wes Davis  
**Report Date:** 15 Feb 2024



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## VOLVO GRAPHS

