



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342373 - TRANSMISSION (AUTO)



**Sample No:** VCP399416

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP399416</b>	VCP445732	VCP341877	VCP400059
Sample Date	<b>12 Mar 2024</b>	29 Nov 2023	09 Oct 2023	19 Jul 2023
Machine Hours	<b>12715</b>	12310	11957	11379
Oil Hours	<b>405</b>	353	578	519
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SCHILDBERG CONSTRUCTION COMPANY**  
 PO BOX 358  
 GREENFIELD, IA  
 US 50849  
 Contact: SCOTT ARMSTRONG  
 sarmstrong@schildberg.com  
 T: (641)743-8237  
 F: (641)743-2486



### OIL CONDITION

Visc @ 40°C	cSt	<b>30.3</b>	29.2	29.2	30.8
-------------	-----	-------------	------	------	------



### CONTAMINATION

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

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



### ADDITIVES

Calcium	ppm	<b>192</b>	100	145	232
Magnesium	ppm	<b>20</b>	2	6	18
Zinc	ppm	<b>49</b>	6	18	68
Phosphorus	ppm	<b>227</b>	235	217	258
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>95</b>	122	116	97

**Depot:** SCHGRE  
**Unique No:** 10938278  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

