



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352199 - TRANSMISSION (AUTO)



**Sample No:** VCP445727

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP445727</b>	VCP396962	VCP404650	VCP385111
Sample Date	<b>29 Nov 2023</b>	25 Sep 2023	19 Jul 2023	02 May 2023
Machine Hours	<b>6652</b>	6129	5644	5149
Oil Hours	<b>486</b>	485	495	522
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	ABNORMAL

**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>	29.4	30.9	31.5
-------------	-----	-------------	------	------	------



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	2	2
Sodium	ppm	<b>3</b>	2	2	3
Potassium	ppm	<b>0</b>	0	2	<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>3</b>	3	5	6
Copper	ppm	<b>13</b>	13	15	16
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>1</b>	1	2	1
Aluminum	ppm	<b>2</b>	2	2	2
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	2	2
Nickel	ppm	<b>2</b>	2	3	2
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>199</b>	182	239	254
Magnesium	ppm	<b>19</b>	12	19	16
Zinc	ppm	<b>52</b>	40	71	68
Phosphorus	ppm	<b>261</b>	262	267	275
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>108</b>	97	97	92

**Depot:** SCHGRE  
**Unique No:** 10780828  
**Signed:** Wes Davis  
**Report Date:** 12 Dec 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

