



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352566 - TRANSMISSION (AUTO)



**Sample No:** VCP404647

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP404647</b>	VCP384401	VCP386310	VCP359505
Sample Date	<b>21 Aug 2023</b>	30 May 2023	06 Mar 2023	09 Nov 2022
Machine Hours	<b>4239</b>	3634	3021	2366
Oil Hours	<b>605</b>	613	655	485
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>28.7</b>	29.3	27.3	29.3
-------------	-----	-------------	------	------	------



### CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	3
Sodium	ppm	<b>4</b>	2	2	<1
Potassium	ppm	<b>&lt;1</b>	<1	<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>9</b>	8	8	9
Copper	ppm	<b>14</b>	13	13	14
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	2	2	2
Aluminum	ppm	<b>6</b>	4	5	4
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>2</b>	2	2	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>110</b>	80	81	84
Magnesium	ppm	<b>4</b>	0	1	2
Zinc	ppm	<b>10</b>	0	5	7
Phosphorus	ppm	<b>251</b>	236	237	219
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>110</b>	121	119	107

**Depot:** SCHGRE  
**Unique No:** 10634565  
**Signed:** Wes Davis  
**Report Date:** 08 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

