



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 342539 - TRANSMISSION (AUTO)



**Sample No:** VCP0007583  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0007583</b>	VCP331632	VCP337023	VCP314572
Sample Date	<b>06 Jul 2023</b>	01 Dec 2021	05 Aug 2021	15 Mar 2021
Machine Hours	<b>0</b>	4272	3712	3145
Oil Hours	<b>0</b>	2000	2000	1000
Oil Changed	<b>N/A</b>	Changed	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**QGS - QUALITY GRASSES SERV/TCF LEASING**  
 17502 CR 672  
 LITHIA, FL  
 US 33547  
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 T: (813)323-4119  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.7</b>	26.3	26.7	26.9
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### CONTAMINATION

Silicon	ppm	<b>5</b>	6	4	3
Sodium	ppm	<b>0</b>	5	6	6
Potassium	ppm	<b>2</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>31</b>	35	29	33
Copper	ppm	<b>22</b>	24	19	20
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>4</b>	4	4	4
Aluminum	ppm	<b>18</b>	25	17	18
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>3</b>	1	2	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>1</b>	2	1	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>81</b>	84	74	92
Magnesium	ppm	<b>1</b>	0	0	<1
Zinc	ppm	<b>4</b>	<1	0	0
Phosphorus	ppm	<b>182</b>	167	141	177
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>96</b>	67	68	81

**Depot:** QUALITFL  
**Unique No:** 10549917  
**Signed:** Sean Felton  
**Report Date:** 12 Jul 2023



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## VOLVO GRAPHS

