



# CONSTRUCTION EQUIPMENT

## VOLVO L90G 617626 - TRANSMISSION (AUTO)



**Sample No:** VCP439355  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP439355</b>	VCP355367	VCP330101	VCP336889
Sample Date	<b>05 Apr 2024</b>	12 Jul 2022	17 Mar 2022	29 Nov 2021
Machine Hours	<b>11322</b>	10540	10061	9724
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

IAA - INSURANCE AUTO AUCTIONS - AURORA  
 280 E SULLIVAN  
 AURORA, IL  
 US 60505  
 Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.0</b>	28.1	27.9	25.9
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	3	3
Sodium	ppm	<b>3</b>	0	4	20
Potassium	ppm	<b>1</b>	1	0	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>11</b>	3	13	20
Copper	ppm	<b>5</b>	2	4	5
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	<1	1	3
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>2</b>	2	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	0	<1



### ADDITIVES

Calcium	ppm	<b>141</b>	117	108	69
Magnesium	ppm	<b>29</b>	22	5	6
Zinc	ppm	<b>64</b>	54	12	1
Phosphorus	ppm	<b>231</b>	201	210	114
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>83</b>	89	86	35

**Depot:** INSAUR  
**Unique No:** 10977922  
**Signed:** Wes Davis  
**Report Date:** 15 Apr 2024



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## VOLVO GRAPHS

