



# CONSTRUCTION EQUIPMENT

## 302924 VOLVO L90G 617783 - TRANSMISSION (AUTO)



**Sample No:** VCP417499  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 302924



### SAMPLE INFORMATION

Sample Number	<b>VCP417499</b>	VCP355011	VCP377413	VCP335531
Sample Date	<b>06 Jul 2023</b>	15 Dec 2022	24 May 2022	28 Sep 2021
Machine Hours	<b>11536</b>	11049	10496	9873
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**COVANTA LAKES**  
 3830 ROGERS INDUSTRIAL PARK ROAD  
 OKAHUMPKA, FL  
 US 32762  
 Contact: SERVICE MANAGER



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.1</b>	27.0	37.0	26.7
Acid Number (AN)	mg KOH/g	---	---	---	0.738

T:  
F:



### CONTAMINATION

Silicon	ppm	<b>9</b>	10	9	8
Sodium	ppm	<b>4</b>	5	4	4
Potassium	ppm	<b>1</b>	0	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>63</b>	69	66	58
Copper	ppm	<b>9</b>	11	10	9
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	0	0	<1
Aluminum	ppm	<b>10</b>	10	8	8
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	1	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>3</b>	3	3	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>83</b>	81	79	85
Magnesium	ppm	<b>6</b>	5	5	8
Zinc	ppm	<b>50</b>	48	44	52
Phosphorus	ppm	<b>171</b>	133	145	143
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>48</b>	51	58	50

**Depot:** COVOKA  
**Unique No:** 10551220  
**Signed:** Wes Davis  
**Report Date:** 12 Jul 2023



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## VOLVO GRAPHS

