



# CONSTRUCTION EQUIPMENT

## 2007 VOLVO L90G 3117 - TRANSMISSION (AUTO)



**Sample No:** VCP383159  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 2007



### SAMPLE INFORMATION

Sample Number	<b>VCP383159</b>	VCP396616	VCP373551	VCP353956
Sample Date	<b>18 Jun 2024</b>	17 Oct 2023	06 Dec 2022	03 Aug 2022
Machine Hours	<b>13585</b>	13160	12245	11800
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

**LEONARDS CONTRACTING**  
 30850 STEPHENSON HWY  
 MADISON HEIGHTS, MI  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	29.4	28.4	28.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	4	6	4
Sodium	ppm	<b>5</b>	0	7	6
Potassium	ppm	<b>3</b>	3	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>18</b>	18	31	27
Copper	ppm	<b>3</b>	3	5	5
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	2	3	3
Chromium	ppm	<b>0</b>	<1	0	0
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>81</b>	79	90	82
Magnesium	ppm	<b>1</b>	2	<1	0
Zinc	ppm	<b>26</b>	13	42	35
Phosphorus	ppm	<b>222</b>	202	212	215
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>80</b>	94	77	86

**Depot:** LEOMAD  
**Unique No:** 11099939  
**Signed:** Wes Davis  
**Report Date:** 27 Jun 2024



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## VOLVO GRAPHS

