



# CONSTRUCTION EQUIPMENT

## 567921 VOLVO L110H 631322 - TRANSMISSION (AUTO)



**Sample No:** VCP398074  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 567921



### SAMPLE INFORMATION

Sample Number	<b>VCP398074</b>	VCP338032	VCP330384	VCP372366
Sample Date	<b>01 Aug 2023</b>	22 Feb 2023	30 Sep 2022	04 Jun 2022
Machine Hours	<b>9947</b>	9341	8782	8393
Oil Hours	<b>2000</b>	1500	2000	500
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	NORMAL

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.9</b>	27.5	27.7	27.8
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### CONTAMINATION

Silicon	ppm	<b>3</b>	3	3	3
Sodium	ppm	<b>0</b>	2	0	0
Potassium	ppm	<b>1</b>	0	1	<1



### WEAR METALS

Iron	ppm	<b>10</b>	7	10	13
Copper	ppm	<b>2</b>	2	2	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>5</b>	2	3	2
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>71</b>	69	112	76
Magnesium	ppm	<b>1</b>	0	1	<1
Zinc	ppm	<b>5</b>	3	12	6
Phosphorus	ppm	<b>180</b>	179	190	179
Barium	ppm	<b>1</b>	0	1	0
Boron	ppm	<b>98</b>	87	81	104

### 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.

**Depot:** RIPTAM  
**Unique No:** 10602526  
**Signed:** Wes Davis  
**Report Date:** 13 Aug 2023



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## VOLVO GRAPHS

