



# CONSTRUCTION EQUIPMENT

## 687196 VOLVO L110H 632273 - TRANSMISSION (AUTO)



**Sample No:** VCP437077  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 687196



### SAMPLE INFORMATION

Sample Number	<b>VCP437077</b>	VCP398041	VCP411625	VCP423513
Sample Date	<b>11 Mar 2024</b>	28 Jun 2023	20 Jun 2023	23 Mar 2023
Machine Hours	<b>3719</b>	2095	2490	1526
Oil Hours	<b>3719</b>	2095	2490	1526
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: PM Services  
PMServices@ripaconstruction.com  
T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.5</b>	27.9	27.8	29.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>10</b>	9	8	10
Sodium	ppm	<b>4</b>	3	3	4
Potassium	ppm	<b>0</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>57</b>	46	44	46
Copper	ppm	<b>9</b>	6	4	6
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>17</b>	13	4	12
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	4	5	5
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>94</b>	86	81	85
Magnesium	ppm	<b>1</b>	2	<1	3
Zinc	ppm	<b>23</b>	8	4	16
Phosphorus	ppm	<b>219</b>	199	199	203
Barium	ppm	<b>5</b>	3	0	2
Boron	ppm	<b>76</b>	88	72	84

**Depot:** RIPTAM  
**Unique No:** 10976341  
**Signed:** Wes Davis  
**Report Date:** 12 Apr 2024



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## VOLVO GRAPHS

