



# CONSTRUCTION EQUIPMENT

## VOLVO L110H 631332 - TRANSMISSION (AUTO)



**Sample No:** VCP435614

**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP435614</b>	VCP429578	VCP414742	VCP396870
Sample Date	<b>17 Apr 2024</b>	13 Dec 2023	06 Sep 2023	08 May 2023
Machine Hours	<b>10389</b>	9794	9270	8702
Oil Hours	<b>0</b>	0	3200	0
Oil Changed	<b>Not Changd</b>	N/A	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ATTENTION	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>26.7</b>	27.0	26.7	27.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	4	4
Sodium	ppm	<b>5</b>	4	2	2
Potassium	ppm	<b>1</b>	<1	<1	2

### 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>46</b>	42	42	41
Copper	ppm	<b>6</b>	6	6	6
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	<1	<1
Aluminum	ppm	<b>5</b>	4	2	2
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>2</b>	2	2	1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>91</b>	83	86	100
Magnesium	ppm	<b>&lt;1</b>	0	2	2
Zinc	ppm	<b>17</b>	5	18	18
Phosphorus	ppm	<b>169</b>	171	169	186
Barium	ppm	<b>&lt;1</b>	0	2	<1
Boron	ppm	<b>67</b>	63	67	75

**Depot:** RIPTAM  
**Unique No:** 11056624  
**Signed:** Wes Davis  
**Report Date:** 31 May 2024



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## VOLVO GRAPHS

