



# CONSTRUCTION EQUIPMENT

## VOLVO L110H 05632247 - TRANSMISSION (AUTO)



**Sample No:** VCP407154  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP407154</b>	VCP407675	VCP294649	---
Sample Date	<b>09 Aug 2023</b>	17 May 2023	01 Feb 2023	---
Machine Hours	<b>4793</b>	4033	3086	---
Oil Hours	<b>0</b>	947	1044	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**CITY CARTING**  
 221 OLD GATE LN  
 MILFORD, CT  
 US 06460  
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 T: (203)223-3885  
 F:

### OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	28.3	28.4	---
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### CONTAMINATION

Silicon	ppm	<b>3</b>	5	4	---
Sodium	ppm	<b>0</b>	4	0	---
Potassium	ppm	<b>0</b>	<1	0	---

**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>17</b>	17	12	---
Copper	ppm	<b>1</b>	4	2	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>4</b>	3	2	---
Chromium	ppm	<b>0</b>	<1	0	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>0</b>	1	1	---
Vanadium	ppm	<b>0</b>	0	0	---

### ADDITIVES

Calcium	ppm	<b>69</b>	76	67	---
Magnesium	ppm	<b>0</b>	9	<1	---
Zinc	ppm	<b>0</b>	11	5	---
Phosphorus	ppm	<b>196</b>	190	180	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>99</b>	95	93	---

**Depot:** CITMILCON  
**Unique No:** 10605131  
**Signed:** Wes Davis  
**Report Date:** 16 Aug 2023



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## GRAPHS

