



# CONSTRUCTION EQUIPMENT

## VOLVO L110H 05632247 - TRANSMISSION (AUTO)



**Sample No:** VCP443064  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP443064</b>	VCP406528	VCP407154	VCP407675
Sample Date	<b>12 Feb 2024</b>	16 Oct 2023	09 Aug 2023	17 May 2023
Machine Hours	<b>0</b>	5396	4793	4033
Oil Hours	<b>0</b>	0	0	947
Oil Changed	<b>Changed</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**CITY CARTING**  
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 T: (203)223-3885  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.9</b>	28.5	28.2	28.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	5	3	5
Sodium	ppm	<b>&lt;1</b>	3	0	4
Potassium	ppm	<b>1</b>	<1	0	<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>19</b>	19	17	17
Copper	ppm	<b>7</b>	6	1	4
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>3</b>	4	4	3
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	0	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>70</b>	69	69	76
Magnesium	ppm	<b>1</b>	0	0	9
Zinc	ppm	<b>0</b>	0	0	11
Phosphorus	ppm	<b>236</b>	187	196	190
Barium	ppm	<b>10</b>	0	0	0
Boron	ppm	<b>82</b>	88	99	95

**Depot:** CITMILCON  
**Unique No:** 10886688  
**Signed:** Don Baldrige  
**Report Date:** 21 Feb 2024



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## VOLVO GRAPHS

