



# CONSTRUCTION EQUIPMENT

620587 CITRUS VOLVO L110H 632401 - TRANSMISSION (AUTO)



**Sample No:** VCP3952112  
**Oil Type:** VOLVO AT 102  
**Job No:** 620587 CITRUS



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## SAMPLE INFORMATION

Sample Number	<b>VCP3952112</b>	VCP393521	VCP411054	VCP379678
Sample Date	<b>18 Oct 2023</b>	26 Jul 2023	01 May 2023	02 Feb 2023
Machine Hours	<b>2627</b>	2144	1620	1092
Oil Hours	<b>2627</b>	2144	0	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.2	28.0	28.4
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## CONTAMINATION

Silicon	ppm	<b>10</b>	12	11	10
Sodium	ppm	<b>4</b>	3	2	3
Potassium	ppm	<b>0</b>	1	2	<1



## WEAR METALS

Iron	ppm	<b>72</b>	75	64	63
Copper	ppm	<b>6</b>	7	6	6
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>&lt;1</b>	3	<1	2
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>6</b>	7	6	6
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>67</b>	95	70	68
Magnesium	ppm	<b>0</b>	1	1	<1
Zinc	ppm	<b>48</b>	60	48	44
Phosphorus	ppm	<b>175</b>	186	178	178
Barium	ppm	<b>3</b>	5	4	3
Boron	ppm	<b>59</b>	64	57	61

## 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:** VOLVO0093  
**Unique No:** 10738498  
**Signed:** Wes Davis  
**Report Date:** 13 Nov 2023



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## GRAPHS

