



# CONSTRUCTION EQUIPMENT

## 619601 VOLVO L110H 631289 - TRANSMISSION (AUTO)



**Sample No:** VCP429256  
**Oil Type:** VOLVO AT 102  
**Job No:** 619601



### SAMPLE INFORMATION

Sample Number	<b>VCP429256</b>	VCP408287	VCP385557	VCP354576
Sample Date	<b>06 Oct 2023</b>	04 Jun 2023	07 Oct 2022	14 Jun 2022
Machine Hours	<b>8187</b>	7680	6651	6226
Oil Hours	<b>4000</b>	0	1500	2000
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
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T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	27.0	26.8	26.9
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### CONTAMINATION

Silicon	ppm	<b>3</b>	2	4	3
Sodium	ppm	<b>2</b>	2	2	3
Potassium	ppm	<b>3</b>	0	0	0



### WEAR METALS

Iron	ppm	<b>26</b>	29	31	30
Copper	ppm	<b>4</b>	0	3	3
Lead	ppm	<b>5</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	0
Aluminum	ppm	<b>10</b>	10	9	7
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	2	1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>122</b>	72	82	84
Magnesium	ppm	<b>7</b>	0	2	0
Zinc	ppm	<b>34</b>	0	8	8
Phosphorus	ppm	<b>198</b>	170	170	175
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>82</b>	77	79	82

### 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:** RIPTAM  
**Unique No:** 10742498  
**Signed:** Wes Davis  
**Report Date:** 16 Nov 2023



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## GRAPHS

