



# CONSTRUCTION EQUIPMENT

## SWA142888 VOLVO L110H 10425 - TRANSMISSION (AUTO)



**Sample No:** VCP368729  
**Oil Type:** VOLVO AT 102  
**Job No:** SWA142888



### SAMPLE INFORMATION

Sample Number	<b>VCP368729</b>	VCP326426	VCP305293	VCP292066
Sample Date	<b>06 Jan 2023</b>	08 Oct 2021	11 Mar 2021	30 Oct 2020
Machine Hours	<b>9253</b>	8440	7265	6382
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	N/A	N/A	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.6</b>	29.6	26.7	26.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	10	5	9
Sodium	ppm	<b>0</b>	2	2	0
Potassium	ppm	<b>&lt;1</b>	0	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>42</b>	38	30	26
Copper	ppm	<b>6</b>	5	2	2
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	3	1	<1
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	<1	2
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>101</b>	98	98	101
Magnesium	ppm	<b>1</b>	3	<1	<1
Zinc	ppm	<b>17</b>	27	12	4
Phosphorus	ppm	<b>160</b>	172	159	164
Barium	ppm	<b>1</b>	0	0	0
Boron	ppm	<b>63</b>	77	82	83

**Depot:** VOLVO0142  
**Unique No:** 10287072  
**Signed:** Wes Davis  
**Report Date:** 13 Jan 2023



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## GRAPHS

