



# CONSTRUCTION EQUIPMENT

## SWA375632-30 VOLVO L220H 2822 - TRANSMISSION (AUTO)



**Sample No:** VCP418219  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA375632-30



### SAMPLE INFORMATION

Sample Number	<b>VCP418219</b>	VCP415748	VCP391327	VCP386451
Sample Date	<b>04 Oct 2023</b>	30 Jun 2023	20 Feb 2023	17 Oct 2022
Machine Hours	<b>11700</b>	10936	10007	9644
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	N/A	N/A	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	SEVERE

### ALTA EQUIPMENT

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

Visc @ 40°C	cSt	<b>32.5</b>	28.3	28.9	25.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>11</b>	12	9	8
Sodium	ppm	<b>&lt;1</b>	4	3	2
Potassium	ppm	<b>2</b>	3	0	2

### 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>72</b>	68	29	298
Copper	ppm	<b>50</b>	6	2	7
Lead	ppm	<b>&lt;1</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	1	<1	6
Chromium	ppm	<b>&lt;1</b>	<1	0	2
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	5	4	6
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>467</b>	74	74	64
Magnesium	ppm	<b>11</b>	0	4	1
Zinc	ppm	<b>178</b>	0	17	16
Phosphorus	ppm	<b>310</b>	192	177	180
Barium	ppm	<b>2</b>	3	0	2
Boron	ppm	<b>67</b>	88	98	72

**Depot:** VOLV00142  
**Unique No:** 10685418  
**Signed:** Jonathan Hester  
**Report Date:** 11 Oct 2023



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## VOLVO GRAPHS

