



# CONSTRUCTION EQUIPMENT

## SWA572466-10 VOLVO L120H 632789 - TRANSMISSION (AUTO)



**Sample No:** VCP432015  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA572466-10



**DUFFY LAYTON**  
 12 HUNNS LAKE RD  
 STANFORDVILLE, NY  
 US 12581  
 Contact: Service Manager



### SAMPLE INFORMATION

Sample Number	<b>VCP432015</b>	VCP376116	VCP346889	VCP332056
Sample Date	<b>30 May 2024</b>	26 Oct 2022	04 May 2022	14 Jan 2022
Machine Hours	<b>7044</b>	4122	3072	6502
Oil Hours	<b>500</b>	2000	0	2502
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.4</b>	28.1	28.3	26.3
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T:  
F:



### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	2	3	11
Sodium	ppm	<b>4</b>	0	2	4
Potassium	ppm	<b>2</b>	2	0	0

### 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>16</b>	19	24	73
Copper	ppm	<b>3</b>	3	3	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>4</b>	2	2	8
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	<1	0	<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	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>84</b>	104	74	86
Magnesium	ppm	<b>1</b>	1	0	0
Zinc	ppm	<b>19</b>	9	5	14
Phosphorus	ppm	<b>194</b>	182	181	156
Barium	ppm	<b>&lt;1</b>	0	0	5
Boron	ppm	<b>98</b>	76	85	74

**Depot:** DUFSTA  
**Unique No:** 11072667  
**Signed:** Wes Davis  
**Report Date:** 12 Jun 2024



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## VOLVO GRAPHS

