



# CONSTRUCTION EQUIPMENT

## SWA350493 VOLVO L70H 622505 - TRANSMISSION (AUTO)



**Sample No:** VCP427148  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA350493



### SAMPLE INFORMATION

Sample Number	<b>VCP427148</b>	VCP400543	VCP374795	VCP350912
Sample Date	<b>01 Sep 2023</b>	18 May 2023	06 Jul 2022	24 Jan 2022
Machine Hours	<b>11602</b>	11032	9235	8355
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>N/A</b>	N/A	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	ABNORMAL

### ALTA EQUIPMENT

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 SYRACUSE, NY  
 US 13206  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>25.6</b>	25.6	25.6	26.1
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### CONTAMINATION

Silicon	ppm	<b>10</b>	7	6	8
Sodium	ppm	<b>7</b>	8	8	0
Potassium	ppm	<b>1</b>	3	0	<1



### WEAR METALS

Iron	ppm	<b>56</b>	54	45	44
Copper	ppm	<b>16</b>	17	17	18
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>0</b>	<1	<1	<1
Aluminum	ppm	<b>3</b>	<1	<1	0
Chromium	ppm	<b>&lt;1</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	<1
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	3	3	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>100</b>	90	93	124
Magnesium	ppm	<b>2</b>	<1	<1	10
Zinc	ppm	<b>30</b>	24	28	40
Phosphorus	ppm	<b>159</b>	170	160	218
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>57</b>	63	63	67

### 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:** VOLV00142  
**Unique No:** 10635570  
**Signed:** Wes Davis  
**Report Date:** 08 Sep 2023



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## VOLVO GRAPHS

