



# CONSTRUCTION EQUIPMENT

## SWA480260 VOLVO L70H 622505 - TRANSMISSION (AUTO)



**Sample No:** VCP436339  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA480260



### SAMPLE INFORMATION

Sample Number	<b>VCP436339</b>	VCP427148	VCP400543	VCP374795
Sample Date	<b>14 Feb 2024</b>	01 Sep 2023	18 May 2023	06 Jul 2022
Machine Hours	<b>12408</b>	11602	11032	9235
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	ABNORMAL	NORMAL

### ALTA EQUIPMENT

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

Visc @ 40°C	cSt	<b>25.7</b>	25.6	25.6	25.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	10	7	6
Sodium	ppm	<b>8</b>	7	8	8
Potassium	ppm	<b>2</b>	1	3	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>59</b>	56	54	45
Copper	ppm	<b>17</b>	16	17	17
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>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	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	2	3	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>86</b>	100	90	93
Magnesium	ppm	<b>0</b>	2	<1	<1
Zinc	ppm	<b>25</b>	30	24	28
Phosphorus	ppm	<b>154</b>	159	170	160
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>56</b>	57	63	63

**Depot:** VOLVO0142  
**Unique No:** 10886234  
**Signed:** Wes Davis  
**Report Date:** 20 Feb 2024



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## VOLVO GRAPHS

