



# CONSTRUCTION EQUIPMENT

SWA411421 COASTAL WA VOLVO L120H 632589 - TRANSMISSION (AUTO)



**Sample No:** VCP413173  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SWA411421 COASTAL WA



## SAMPLE INFORMATION

Sample Number	<b>VCP413173</b>	VCP429055	VCP410077	VCP385982
Sample Date	<b>10 Nov 2023</b>	18 Sep 2023	02 May 2023	13 Jan 2023
Machine Hours	<b>10572</b>	10144	9013	8129
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### ALTA EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.3</b>	30.5	25.7	26.2
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>7</b>	7	5	10
Sodium	ppm	<b>0</b>	4	3	3
Potassium	ppm	<b>2</b>	<1	1	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>63</b>	73	59	126
Copper	ppm	<b>7</b>	9	5	12
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>8</b>	9	13	19
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>0</b>	0	<1	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	3	3	7
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>104</b>	84	89	89
Magnesium	ppm	<b>6</b>	5	<1	3
Zinc	ppm	<b>13</b>	6	0	22
Phosphorus	ppm	<b>196</b>	206	190	173
Barium	ppm	<b>0</b>	0	0	3
Boron	ppm	<b>89</b>	79	70	61

**Depot:** VOLVO0095  
**Unique No:** 10751990  
**Signed:** Wes Davis  
**Report Date:** 21 Nov 2023



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## VOLVO GRAPHS

