



# CONSTRUCTION EQUIPMENT

## 323479 VOLVO L120H 632081 - TRANSMISSION (AUTO)



**Sample No:** VCP347411  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 323479



### SAMPLE INFORMATION

Sample Number	<b>VCP347411</b>	VCP334123	VCP299226	VCP260328
Sample Date	<b>16 May 2022</b>	17 Jan 2022	17 Jun 2021	31 Jan 2020
Machine Hours	<b>24847</b>	23116	19757	15849
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**STRONGCO EQUIP (AB)**  
 6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.3</b>	28.4	31.5	27.0
-------------	-----	-------------	------	------	------



### CONTAMINATION

Silicon	ppm	<b>6</b>	8	6	5
Sodium	ppm	<b>1</b>	<1	2	<1
Potassium	ppm	<b>&lt;1</b>	<1	<1	<1

### 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>19</b>	25	52	39
Copper	ppm	<b>2</b>	2	5	7
Lead	ppm	<b>0</b>	<1	<1	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>5</b>	5	8	8
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	6	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>85</b>	81	333	83
Magnesium	ppm	<b>1</b>	4	85	2
Zinc	ppm	<b>6</b>	11	175	7
Phosphorus	ppm	<b>176</b>	194	263	152
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>73</b>	86	58	67

**Depot:** VOLVO9652  
**Unique No:** 5399575  
**Signed:** Kevin Marson  
**Report Date:** 26 May 2022



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

