



# CONSTRUCTION EQUIPMENT

## 381773 VOLVO L120H 632067 - TRANSMISSION (AUTO)



**Sample No:** VCP394372  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 381773



### SAMPLE INFORMATION

Sample Number	<b>VCP394372</b>	VCP382155	VCP332774	VCP334128
Sample Date	<b>13 Oct 2023</b>	24 May 2023	04 May 2022	14 Feb 2022
Machine Hours	<b>26658</b>	25175	21283	19715
Oil Hours	<b>1100</b>	4000	0	0
Oil Changed	<b>Not Chngd</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>33.4</b>	28.9	38.3	31.9
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### CONTAMINATION

Silicon	ppm	<b>4</b>	5	4	10
Sodium	ppm	<b>3</b>	2	1	1
Potassium	ppm	<b>2</b>	1	1	1



### WEAR METALS

Iron	ppm	<b>29</b>	34	22	39
Copper	ppm	<b>60</b>	4	2	5
Lead	ppm	<b>2</b>	0	<1	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>2</b>	3	<1	<1
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>6</b>	3	<1	<1
Nickel	ppm	<b>0</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>326</b>	236	89	85
Magnesium	ppm	<b>84</b>	38	<1	2
Zinc	ppm	<b>178</b>	95	6	10
Phosphorus	ppm	<b>309</b>	252	176	164
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>76</b>	64	74	64

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO9652  
**Unique No:** 5658750  
**Signed:** Kevin Marson  
**Report Date:** 18 Oct 2023



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## VOLVO GRAPHS

