



# CONSTRUCTION EQUIPMENT

WILLINGTON ORGANICS 394646 VOLVO L120F 26483 - TRANSMISSION (AUTO)



**Sample No:** VCP393077  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 394646



## SAMPLE INFORMATION

Sample Number	<b>VCP393077</b>	VCP353208	VCE133388	VCP104053
Sample Date	<b>12 Feb 2024</b>	11 Apr 2023	25 Sep 2012	18 Jun 2012
Machine Hours	<b>13502</b>	13008	1025	695
Oil Hours	<b>1500</b>	1000	300	695
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	SEVERE

### Strongco Equipment

5179 Fountain St N.  
Breslau, ON  
CA N0B 1M0  
Contact: Matt Crisci  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	32.4	31.9	33.3
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	4	7	9
Sodium	ppm	<b>2</b>	3	3	7
Potassium	ppm	<b>2</b>	<1	2	0



## WEAR METALS

Iron	ppm	<b>10</b>	13	12	24
Copper	ppm	<b>9</b>	12	3	10
Lead	ppm	<b>&lt;1</b>	<1	<1	2
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>4</b>	4	1	▲ 135
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	3	6
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>76</b>	85	107	199
Magnesium	ppm	<b>2</b>	<1	2	2
Zinc	ppm	<b>12</b>	21	16	24
Phosphorus	ppm	<b>186</b>	204	212	299
Barium	ppm	<b>0</b>	0	2	3
Boron	ppm	<b>66</b>	60	69	93

## 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:** CASKIT  
**Unique No:** 5737346  
**Signed:** Wes Davis  
**Report Date:** 06 Mar 2024



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## VOLVO GRAPHS

