



# CONSTRUCTION EQUIPMENT

## 728854 ATLAS ORGANIC VOLVO L120H 633210 - TRANSMISSION (AUTO)



**Sample No:** VCP439677  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 728854 ATLAS ORGANIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: JOHN FARDELLA  
 john.fardella@altg.com  
 T: (813)630-0077  
 F: (813)630-2233



### SAMPLE INFORMATION

Sample Number	<b>VCP439677</b>	VCP437059	VCP416300	---
Sample Date	<b>11 Jun 2024</b>	05 Mar 2024	20 Sep 2023	---
Machine Hours	<b>4410</b>	3647	2544	---
Oil Hours	<b>500</b>	1600	500	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



### OIL CONDITION

Visc @ 40°C	cSt	<b>26.4</b>	25.6	27.2	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>8</b>	7	7	---
Sodium	ppm	<b>5</b>	4	3	---
Potassium	ppm	<b>&lt;1</b>	2	<1	---



### WEAR METALS

Iron	ppm	<b>59</b>	53	47	---
Copper	ppm	<b>7</b>	6	5	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	<1	---
Aluminum	ppm	<b>6</b>	5	3	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>5</b>	5	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>81</b>	80	75	---
Magnesium	ppm	<b>2</b>	4	4	---
Zinc	ppm	<b>43</b>	46	47	---
Phosphorus	ppm	<b>179</b>	111	169	---
Barium	ppm	<b>3</b>	2	5	---
Boron	ppm	<b>58</b>	59	56	---

### 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.

**Depot:** VOLVO0093  
**Unique No:** 11127107  
**Signed:** Wes Davis  
**Report Date:** 17 Jul 2024



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## GRAPHS

