



# CONSTRUCTION EQUIPMENT

580970 PRINCE VOLVO L90H 626456 - TRANSMISSION (AUTO)



**Sample No:** VCP412610  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 580970 PRINCE



## SAMPLE INFORMATION

Sample Number	<b>VCP412610</b>	VCP395871	---	---
Sample Date	<b>21 Jul 2023</b>	26 Feb 2023	---	---
Machine Hours	<b>1396</b>	627	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



## OIL CONDITION

Visc @ 40°C	cSt	<b>27.9</b>	28.1	---	---
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## CONTAMINATION

Silicon	ppm	<b>8</b>	6	---	---
Sodium	ppm	<b>4</b>	<1	---	---
Potassium	ppm	<b>&lt;1</b>	1	---	---



## WEAR METALS

Iron	ppm	<b>▲ 201</b>	123	---	---
Copper	ppm	<b>6</b>	4	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>2</b>	0	---	---
Chromium	ppm	<b>&lt;1</b>	0	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>9</b>	6	---	---
Vanadium	ppm	<b>0</b>	0	---	---



## ADDITIVES

Calcium	ppm	<b>77</b>	71	---	---
Magnesium	ppm	<b>2</b>	<1	---	---
Zinc	ppm	<b>37</b>	32	---	---
Phosphorus	ppm	<b>202</b>	181	---	---
Barium	ppm	<b>&lt;1</b>	2	---	---
Boron	ppm	<b>72</b>	69	---	---

## Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is abnormal. Moderate concentration of visible metal present. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0096  
**Unique No:** 10574720  
**Signed:** Sean Felton  
**Report Date:** 28 Jul 2023



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## VOLVO GRAPHS

