



# CONSTRUCTION EQUIPMENT

113048955 GAINES VOLVO L90H 624620 - TRANSMISSION (AUTO)



**Sample No:** VCP355739  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 113048955 GAINES



## SAMPLE INFORMATION

Sample Number	VCP355739	---	---	---
Sample Date	28 Apr 2022	---	---	---
Machine Hours	1043	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### GAINES & CO

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## OIL CONDITION

Visc @ 40°C	cSt	█ 29.2	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 70	---	---	---
Copper	ppm	█ 5	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 342	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 178	---	---	---
Phosphorus	ppm	█ 256	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 51	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The wear metal levels do not reflect the reported issue. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** GAIKNI  
**Unique No:** 9958647  
**Signed:** Jonathan Hester  
**Report Date:** 04 May 2022



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## GRAPHS

