



# CONSTRUCTION EQUIPMENT

716263 PRINCE VOLVO L90H 627121 - TRANSMISSION (AUTO)



**Sample No:** VCP439676  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 716263 PRINCE



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## SAMPLE INFORMATION

Sample Number	VCP439676	VCP442576	---	---
Sample Date	17 May 2024	16 Jan 2024	---	---
Machine Hours	1041	546	---	---
Oil Hours	1041	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 28.17	█ 28.5	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 11	█ 9	---	---
Sodium	ppm	█ 3	█ 3	---	---
Potassium	ppm	█ 3	█ 0	---	---



## WEAR METALS

Iron	ppm	█ 102	█ 68	---	---
Copper	ppm	█ 7	█ 5	---	---
Lead	ppm	█ <1	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 8	█ 7	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	68	█ 59	---	---
Magnesium	ppm	█ <1	█ 0	---	---
Zinc	ppm	█ 36	█ 5	---	---
Phosphorus	ppm	█ 175	█ 177	---	---
Barium	ppm	█ 2	█ 0	---	---
Boron	ppm	█ 68	█ 66	---	---

## 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:** 11088062  
**Signed:** Jonathan Hester  
**Report Date:** 25 Jun 2024



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## GRAPHS

