



# CONSTRUCTION EQUIPMENT

## VOLVO L90H 624974 - TRANSMISSION (AUTO)



**Sample No:** VCP245208  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP245208	---	---	---
Sample Date	13 Jul 2020	---	---	---
Machine Hours	2115	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 26.1	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The iron level is abnormal. All other 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.



### WEAR METALS

Iron	ppm	▲ 234	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 96	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 48	---	---	---
Phosphorus	ppm	█ 180	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 51	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 9102926  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2020



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## GRAPHS

