



# CONSTRUCTION EQUIPMENT

## VOLVO L90H 624974 - TRANSMISSION (AUTO)



**Sample No:** VCP289858  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP289858</b>	VCP245208	---	---
Sample Date	<b>29 Oct 2020</b>	13 Jul 2020	---	---
Machine Hours	<b>2720</b>	2115	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	<b>26.3</b>	26.1	---	---
-------------	-----	-------------	------	-----	-----



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>0</b>	12	---	---
Sodium	ppm	<b>4</b>	6	---	---
Potassium	ppm	<b>2</b>	<1	---	---



### WEAR METALS

Iron	ppm	<b>▲ 161</b>	▲ 234	---	---
Copper	ppm	<b>7</b>	11	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>0</b>	3	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>&lt;1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>1</b>	0	---	---
Manganese	ppm	<b>6</b>	11	---	---
Vanadium	ppm	<b>&lt;1</b>	<1	---	---



### ADDITIVES

Calcium	ppm	<b>99</b>	96	---	---
Magnesium	ppm	<b>4</b>	2	---	---
Zinc	ppm	<b>29</b>	48	---	---
Phosphorus	ppm	<b>171</b>	180	---	---
Barium	ppm	<b>&lt;1</b>	1	---	---
Boron	ppm	<b>61</b>	51	---	---

### Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. The iron level has decreased, but is still 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.

**Depot:** VOLVO0090  
**Unique No:** 9258603  
**Signed:** Don Baldrige  
**Report Date:** 20 Nov 2020



# CONSTRUCTION EQUIPMENT



## GRAPHS

