



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742658 - TRANSMISSION (AUTO)



**Sample No:** VCP0008118  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0008118</b>	VCP0008088	VCP315038	---
Sample Date	<b>04 Dec 2023</b>	02 Oct 2023	10 Mar 2021	---
Machine Hours	<b>1534</b>	0	938	---
Oil Hours	<b>1534</b>	0	0	---
Oil Changed	<b>N/A</b>	N/A	Not Changd	---
Sample Status	<b>MARGINAL</b>	ABNORMAL	NORMAL	---

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

Visc @ 40°C	cSt	<b>28.8</b>	29.4	29.6	---
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### CONTAMINATION

Water	%	<b>0.117</b>	NEG	NEG	---
Silicon	ppm	<b>3</b>	14	13	---
Sodium	ppm	<b>1</b>	9	6	---
Potassium	ppm	<b>&lt;1</b>	6	4	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>0</b>	80	31	---
Copper	ppm	<b>&lt;1</b>	109	66	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	19	10	---
Aluminum	ppm	<b>0</b>	54	23	---
Chromium	ppm	<b>0</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	18	11	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	5	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>66</b>	143	176	---
Magnesium	ppm	<b>&lt;1</b>	1	0	---
Zinc	ppm	<b>0</b>	7	0	---
Phosphorus	ppm	<b>189</b>	250	303	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>96</b>	77	88	---

**Depot:** VOLVO0092  
**Unique No:** 10778041  
**Signed:** Don Baldrige  
**Report Date:** 11 Dec 2023



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## GRAPHS

