



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742143 - TRANSMISSION



**Sample No:** VCP416363

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP416363</b>	VCP264261	---	---
Sample Date	<b>09 Oct 2023</b>	20 Mar 2020	---	---
Machine Hours	<b>5468</b>	2221	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	NORMAL	---	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: PM Services  
PMServices@ripaconstruction.com  
T:  
F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.4</b>	28.5	---	---
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### CONTAMINATION

Water	%	<b>▲ 0.590</b>	---	---	---
Silicon	ppm	<b>4</b>	15	---	---
Sodium	ppm	<b>0</b>	9	---	---
Potassium	ppm	<b>1</b>	5	---	---

### Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>19</b>	64	---	---
Copper	ppm	<b>16</b>	41	---	---
Lead	ppm	<b>0</b>	<1	---	---
Tin	ppm	<b>4</b>	16	---	---
Aluminum	ppm	<b>11</b>	43	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>2</b>	5	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>0</b>	6	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>71</b>	155	---	---
Magnesium	ppm	<b>1</b>	2	---	---
Zinc	ppm	<b>0</b>	12	---	---
Phosphorus	ppm	<b>165</b>	261	---	---
Barium	ppm	<b>0</b>	5	---	---
Boron	ppm	<b>98</b>	68	---	---

**Depot:** RIPTAM  
**Unique No:** 10701261  
**Signed:** Jonathan Hester  
**Report Date:** 25 Oct 2023



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## GRAPHS

