



# CONSTRUCTION EQUIPMENT

## 594723 VOLVO L60H 623021 - TRANSMISSION (AUTO)



**Sample No:** VCP416071  
**Oil Type:** VOLVO AT 102  
**Job No:** 594723



### SAMPLE INFORMATION

Sample Number	<b>VCP416071</b>	VCP406255	VCP396470	---
Sample Date	<b>21 Aug 2023</b>	24 Apr 2023	30 Jan 2023	---
Machine Hours	<b>1808</b>	313	539	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.1</b>	28.0	28.1	---
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### CONTAMINATION

Silicon	ppm	<b>10</b>	9	9	---
Sodium	ppm	<b>6</b>	4	4	---
Potassium	ppm	<b>&lt;1</b>	0	2	---

### Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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.



### WEAR METALS

Iron	ppm	<b>168</b>	114	85	---
Copper	ppm	<b>9</b>	8	8	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>1</b>	<1	<1	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>9</b>	8	9	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>70</b>	73	73	---
Magnesium	ppm	<b>0</b>	2	1	---
Zinc	ppm	<b>25</b>	31	22	---
Phosphorus	ppm	<b>189</b>	176	200	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>81</b>	68	72	---

**Depot:** VOLVO0096  
**Unique No:** 10621731  
**Signed:** Don Baldrige  
**Report Date:** 29 Aug 2023



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## GRAPHS

