



# CONSTRUCTION EQUIPMENT

## S631 IAA RANCHO CORD VOLVO L90H 623903 - TRANSMISSION (AUTO)



**Sample No:** VCP425890  
**Oil Type:** VOLVO AT 102  
**Job No:** S631 IAA RANCHO CORD



### SAMPLE INFORMATION

Sample Number	<b>VCP425890</b>	VCP266919	VCP245528	---
Sample Date	<b>06 Jul 2023</b>	10 Apr 2020	26 Jul 2019	---
Machine Hours	<b>10036</b>	5960	4590	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Chngd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### VCES- VOLVO CONSTRUCTION EQUIPMENT

8594 FRUITRIDGE ROAD  
 SACRAMENTO, CA  
 US 95826  
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 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>25.9</b>	25.8	29.0	---
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### CONTAMINATION

Silicon	ppm	<b>3</b>	5	7	---
Sodium	ppm	<b>4</b>	4	2	---
Potassium	ppm	<b>4</b>	0	1	---



### WEAR METALS

Iron	ppm	<b>32</b>	34	41	---
Copper	ppm	<b>7</b>	9	11	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>2</b>	1	2	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	2	3	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>90</b>	96	89	---
Magnesium	ppm	<b>0</b>	<1	1	---
Zinc	ppm	<b>19</b>	21	17	---
Phosphorus	ppm	<b>167</b>	180	157	---
Barium	ppm	<b>0</b>	<1	1	---
Boron	ppm	<b>56</b>	74	66	---

### Diagnosis

Resample at the next service interval to monitor. 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.

**Depot:** VOLVO4485  
**Unique No:** 10550534  
**Signed:** Wes Davis  
**Report Date:** 11 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

