



# CONSTRUCTION EQUIPMENT

13900 AMERICAN HW VOLVO L110H 631365 - TRANSMISSION (AUTO)



**Sample No:** VCP411516  
**Oil Type:** VOLVO AT 102  
**Job No:** 13900 AMERICAN HW



## SAMPLE INFORMATION

Sample Number	<b>VCP411516</b>	VCP250099	VCP244103	---
Sample Date	<b>01 Dec 2023</b>	18 Mar 2021	27 Sep 2019	---
Machine Hours	<b>15261</b>	8011	4116	---
Oil Hours	<b>8000</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>26.8</b>	26.6	27.4	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>5</b>	2	10	---
Sodium	ppm	<b>3</b>	3	7	---
Potassium	ppm	<b>0</b>	0	8	---

## 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.



## WEAR METALS

Iron	ppm	<b>102</b>	55	72	---
Copper	ppm	<b>11</b>	6	11	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>12</b>	3	4	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	0	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	4	10	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>110</b>	118	214	---
Magnesium	ppm	<b>3</b>	1	3	---
Zinc	ppm	<b>14</b>	17	78	---
Phosphorus	ppm	<b>235</b>	170	192	---
Barium	ppm	<b>0</b>	0	3	---
Boron	ppm	<b>92</b>	70	49	---

**Depot:** VOLVO8882  
**Unique No:** 10779594  
**Signed:** Wes Davis  
**Report Date:** 11 Dec 2023



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## GRAPHS

