



# CONSTRUCTION EQUIPMENT

## A12259 VOLVO L110H 632555 - TRANSMISSION (AUTO)



**Sample No:** VCP409587  
**Oil Type:** MOBIL AT 102  
**Job No:** A12259



### SAMPLE INFORMATION

Sample Number	<b>VCP409587</b>	VCP413216	---	---
Sample Date	<b>06 Mar 2024</b>	03 Oct 2023	---	---
Machine Hours	<b>3345</b>	1760	---	---
Oil Hours	<b>0</b>	1760	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

**HMR ASSOCIATES**  
 PO BOX 485  
 TOUGHKENAMON, PA  
 US 19374  
 Contact: SERVICE MANAGER



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.6</b>	27.7	---	---
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T:  
 F: (610)268-2225



### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>11</b>	11	---	---
Sodium	ppm	<b>2</b>	2	---	---
Potassium	ppm	<b>2</b>	1	---	---

### 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>35</b>	29	---	---
Copper	ppm	<b>7</b>	4	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	<1	---	---
Aluminum	ppm	<b>2</b>	0	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>1</b>	<1	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>5</b>	4	---	---
Vanadium	ppm	<b>&lt;1</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>87</b>	76	---	---
Magnesium	ppm	<b>2</b>	2	---	---
Zinc	ppm	<b>15</b>	14	---	---
Phosphorus	ppm	<b>172</b>	182	---	---
Barium	ppm	<b>3</b>	5	---	---
Boron	ppm	<b>76</b>	80	---	---

**Depot:** HMRTOU  
**Unique No:** 10938267  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024



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## GRAPHS

