



# CONSTRUCTION EQUIPMENT

## 0330 WASTE MGMT VOLVO L90H 624438 - TRANSMISSION (AUTO)



**Sample No:** VCP439288  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 0330 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP439288</b>	VCP431532	VCP431653	VCP432736
Sample Date	<b>26 Jan 2024</b>	15 Dec 2023	27 Oct 2023	01 Sep 2023
Machine Hours	<b>13382</b>	12918	12363	11842
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.6</b>	27.6	27.8	26.7
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	3	6
Sodium	ppm	<b>&lt;1</b>	3	4	9
Potassium	ppm	<b>2</b>	0	0	<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>21</b>	26	21	51
Copper	ppm	<b>6</b>	5	5	10
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>2</b>	0	0	2
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	0	0
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	2
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>73</b>	55	64	81
Magnesium	ppm	<b>2</b>	0	0	2
Zinc	ppm	<b>3</b>	0	15	23
Phosphorus	ppm	<b>164</b>	147	151	193
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>78</b>	85	89	67

**Depot:** VOLVO0096  
**Unique No:** 10859353  
**Signed:** Don Baldrige  
**Report Date:** 03 Feb 2024



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## VOLVO GRAPHS

