



# CONSTRUCTION EQUIPMENT

## VOLVO L90H 624516 - TRANSMISSION (AUTO)



**Sample No:** VCP412368  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP412368</b>	VCP361375	VCP269585	VCP225961
Sample Date	<b>14 Aug 2023</b>	23 Feb 2022	24 Mar 2020	29 Jan 2020
Machine Hours	<b>11024</b>	7940	3082	2557
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

### FORESTRY RESOURCES

4353 MICHIGAN LINK  
 FORT MYERS, FL  
 US 33916  
 Contact: COREY MUELLER



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.8</b>	28.5	26.6	44.1
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T: (239)872-1856  
 F:



### CONTAMINATION

Silicon	ppm	<b>6</b>	5	5	8
Sodium	ppm	<b>6</b>	4	3	2
Potassium	ppm	<b>&lt;1</b>	5	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>52</b>	29	29	69
Copper	ppm	<b>9</b>	3	4	8
Lead	ppm	<b>0</b>	1	2	<1
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>11</b>	10	<1	1
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>0</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	2	0	<1
Titanium	ppm	<b>0</b>	<1	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	2	7
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>87</b>	95	122	82
Magnesium	ppm	<b>6</b>	6	8	3
Zinc	ppm	<b>59</b>	46	58	96
Phosphorus	ppm	<b>199</b>	203	193	189
Barium	ppm	<b>0</b>	0	1	2
Boron	ppm	<b>52</b>	61	52	38

**Depot:** FORFOTFL  
**Unique No:** 10606430  
**Signed:** Wes Davis  
**Report Date:** 17 Aug 2023



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## GRAPHS

