



# CONSTRUCTION EQUIPMENT

## D12547 WM A1 VOLVO L70H 624717 - TRANSMISSION (AUTO)



**Sample No:** VCP418957  
**Oil Type:** VOLVO AT 102  
**Job No:** D12547 WM A1



### SAMPLE INFORMATION

Sample Number	<b>VCP418957</b>	VCP381280	VCP419536	VCP407376
Sample Date	<b>04 Aug 2023</b>	28 Jun 2023	24 May 2023	17 Apr 2023
Machine Hours	<b>2770</b>	2570	2349	2217
Oil Hours	<b>2770</b>	2570	2349	2217
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.2</b>	27.3	27.1	27.4
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### CONTAMINATION

Silicon	ppm	<b>8</b>	9	8	10
Sodium	ppm	<b>&lt;1</b>	4	4	2
Potassium	ppm	<b>0</b>	2	2	2

### 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>74</b>	78	72	76
Copper	ppm	<b>7</b>	10	9	10
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>&lt;1</b>	2	0	0
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>0</b>	<1	<1	1
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>7</b>	8	8	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>82</b>	87	102	85
Magnesium	ppm	<b>1</b>	2	5	4
Zinc	ppm	<b>0</b>	30	34	32
Phosphorus	ppm	<b>196</b>	210	209	195
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>68</b>	76	77	78

**Depot:** VOLVO0069  
**Unique No:** 10605126  
**Signed:** Wes Davis  
**Report Date:** 16 Aug 2023



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## GRAPHS

