



# CONSTRUCTION EQUIPMENT

## D13184 WM RECYCLING VOLVO L70H 624717 - TRANSMISSION (AUTO)



**Sample No:** VCP382391  
**Oil Type:** VOLVO AT 102  
**Job No:** D13184 WM RECYCLING



### SAMPLE INFORMATION

Sample Number	<b>VCP382391</b>	VCP193638	VCP429533	VCP418997
Sample Date	<b>13 Jan 2024</b>	11 Dec 2023	19 Oct 2023	11 Sep 2023
Machine Hours	<b>3819</b>	3591	3224	2966
Oil Hours	<b>3819</b>	3591	3224	396
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.0</b>	25.6	27.2	27.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>10</b>	10	9	10
Sodium	ppm	<b>5</b>	5	4	6
Potassium	ppm	<b>2</b>	0	1	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>78</b>	81	78	80
Copper	ppm	<b>12</b>	12	11	11
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>2</b>	<1	1	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	0
Nickel	ppm	<b>0</b>	0	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>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>69</b>	82	84	89
Magnesium	ppm	<b>2</b>	1	2	5
Zinc	ppm	<b>20</b>	26	35	31
Phosphorus	ppm	<b>182</b>	196	187	212
Barium	ppm	<b>&lt;1</b>	0	<1	1
Boron	ppm	<b>62</b>	62	63	71

**Depot:** VOLVO0069  
**Unique No:** 10843821  
**Signed:** Wes Davis  
**Report Date:** 23 Jan 2024



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## VOLVO GRAPHS

