



# CONSTRUCTION EQUIPMENT

## VOLVO L70H 05262376 (S/N 052623276) - TRANSMISSION (AUTO)



**Sample No:** VCP436487  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436487</b>	VCP422150	VCP383243	VCP267026
Sample Date	<b>06 May 2024</b>	15 Sep 2023	06 Feb 2023	26 Feb 2020
Machine Hours	<b>0</b>	5452	4750	1418
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	N/A	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

**CITY CARTING**  
 221 OLD GATE LN  
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 T: (203)223-3885  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>29.0</b>	27.5	25.0	26.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	4	14
Sodium	ppm	<b>2</b>	5	2	6
Potassium	ppm	<b>2</b>	2	0	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>22</b>	33	26	78
Copper	ppm	<b>8</b>	12	6	8
Lead	ppm	<b>&lt;1</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>2</b>	1	<1	1
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>2</b>	3	4	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	2	9
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>185</b>	348	330	96
Magnesium	ppm	<b>7</b>	24	13	2
Zinc	ppm	<b>62</b>	138	136	35
Phosphorus	ppm	<b>228</b>	267	247	171
Barium	ppm	<b>0</b>	0	0	4
Boron	ppm	<b>99</b>	66	69	57

**Depot:** CITMILCON  
**Unique No:** 11020495  
**Signed:** Wes Davis  
**Report Date:** 10 May 2024



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## GRAPHS

