



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752074 - TRANSMISSION (AUTO)



**Sample No:** VCP434811  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP434811</b>	VCP398650	VCP362872	VCP310579
Sample Date	<b>28 Nov 2023</b>	01 Mar 2023	13 May 2022	28 Apr 2021
Machine Hours	<b>4301</b>	3204	2145	522
Oil Hours	<b>0</b>	0	0	522
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>30.4</b>	29.4	30.3	28.6
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### CONTAMINATION

Water	%	<b>0.085</b>	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	5	13	0
Sodium	ppm	<b>4</b>	1	8	0
Potassium	ppm	<b>2</b>	2	3	0

### 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>12</b>	21	42	1
Copper	ppm	<b>14</b>	31	81	0
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>4</b>	5	13	<1
Aluminum	ppm	<b>13</b>	20	36	0
Chromium	ppm	<b>0</b>	0	<1	0
Molybdenum	ppm	<b>0</b>	0	0	<1
Nickel	ppm	<b>2</b>	3	13	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	<1	6	0
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>146</b>	97	165	78
Magnesium	ppm	<b>2</b>	<1	<1	1
Zinc	ppm	<b>0</b>	5	5	0
Phosphorus	ppm	<b>273</b>	201	281	200
Barium	ppm	<b>0</b>	1	<1	0
Boron	ppm	<b>100</b>	83	81	102

**Depot:** JRDKIS  
**Unique No:** 10765342  
**Signed:** Don Baldrige  
**Report Date:** 03 Dec 2023



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## VOLVO GRAPHS

