



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - TRANSMISSION (AUTO)



**Sample No:** VCP446511  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP446511</b>	VCP437586	VCP434380	VCP412160
Sample Date	<b>22 Apr 2024</b>	26 Feb 2024	08 Nov 2023	28 Aug 2023
Machine Hours	<b>6403</b>	6109	5775	5525
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

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>27.2</b>	26.6	27.4	27.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	6	5	5
Sodium	ppm	<b>7</b>	6	6	5
Potassium	ppm	<b>2</b>	1	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>42</b>	46	36	32
Copper	ppm	<b>19</b>	20	16	16
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	3	1	2
Aluminum	ppm	<b>14</b>	15	12	12
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>2</b>	3	2	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	<1	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>89</b>	85	79	89
Magnesium	ppm	<b>1</b>	1	1	4
Zinc	ppm	<b>6</b>	0	9	0
Phosphorus	ppm	<b>197</b>	193	195	194
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>78</b>	72	78	88

**Depot:** VOLVO0090  
**Unique No:** 11005696  
**Signed:** Jonathan Hester  
**Report Date:** 03 May 2024



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## VOLVO GRAPHS

