



# CONSTRUCTION EQUIPMENT

661347 BCSW VOLVO A40G 352381 - TRANSMISSION (AUTO)



**Sample No:** VCP437963  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 661347 BCSW



## SAMPLE INFORMATION

Sample Number	<b>VCP437963</b>	VCP427178	VCP399694	VCP369799
Sample Date	<b>07 Feb 2024</b>	23 Jun 2023	02 Mar 2023	16 Nov 2022
Machine Hours	<b>7523</b>	625	5782	5263
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.6	28.2	28.5
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	5	4
Sodium	ppm	<b>3</b>	2	3	3
Potassium	ppm	<b>0</b>	<1	1	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>15</b>	11	18	19
Copper	ppm	<b>21</b>	10	25	22
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>3</b>	1	4	3
Aluminum	ppm	<b>10</b>	5	9	10
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>3</b>	2	4	4
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	2	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>70</b>	81	73	70
Magnesium	ppm	<b>&lt;1</b>	<1	0	<1
Zinc	ppm	<b>0</b>	0	0	0
Phosphorus	ppm	<b>191</b>	195	183	206
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>96</b>	87	80	81

**Depot:** VOLVO0096  
**Unique No:** 10873899  
**Signed:** Don Baldrige  
**Report Date:** 13 Feb 2024



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## VOLVO GRAPHS

