



CONSTRUCTION EQUIPMENT

567628 BCSW VOLVO A40G 352381 - TRANSMISSION (AUTO)



Sample No: VCP427178
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 567628 BCSW



SAMPLE INFORMATION

Sample Number	VCP427178	VCP399694	VCP369799	VCP376919
Sample Date	23 Jun 2023	02 Mar 2023	16 Nov 2022	15 Sep 2022
Machine Hours	625	5782	5263	4951
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.6	28.2	28.5	28.3
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CONTAMINATION

Silicon	ppm	2	5	4	4
Sodium	ppm	2	3	3	3
Potassium	ppm	<1	1	0	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	11	18	19	12
Copper	ppm	10	25	22	20
Lead	ppm	0	<1	0	0
Tin	ppm	1	4	3	3
Aluminum	ppm	5	9	10	8
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	2	4	4	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	2	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	73	70	69
Magnesium	ppm	<1	0	<1	0
Zinc	ppm	0	0	0	2
Phosphorus	ppm	195	183	206	190
Barium	ppm	0	0	0	0
Boron	ppm	87	80	81	80

Depot: VOLVO0096
Unique No: 10536446
Signed: Wes Davis
Report Date: 02 Jul 2023



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VOLVO GRAPHS

