



CONSTRUCTION EQUIPMENT

565152 MOSAIC VOLVO A40G 342363 - TRANSMISSION (AUTO)



Sample No: VCP411590
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 565152 MOSAIC



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SAMPLE INFORMATION

Sample Number	VCP411590	VCP392588	VCP378471	VCP330231
Sample Date	05 Jun 2023	15 Feb 2023	22 Jun 2022	26 Feb 2022
Machine Hours	7605	6986	5980	5477
Oil Hours	1000	1000	2000	1500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	28.0	22.3	27.8	28.1
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CONTAMINATION

Silicon	ppm	5	4	6	5
Sodium	ppm	2	2	<1	2
Potassium	ppm	<1	0	2	0



WEAR METALS

Iron	ppm	23	18	33	28
Copper	ppm	16	13	23	17
Lead	ppm	0	0	<1	<1
Tin	ppm	2	2	4	3
Aluminum	ppm	12	7	16	15
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	2	1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	76	81	79
Magnesium	ppm	0	<1	1	0
Zinc	ppm	0	3	8	0
Phosphorus	ppm	199	187	192	204
Barium	ppm	0	0	2	0
Boron	ppm	83	95	96	87

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.

Depot: VOLVO0093
Unique No: 10551226
Signed: Wes Davis
Report Date: 12 Jul 2023



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VOLVO GRAPHS

