



CONSTRUCTION EQUIPMENT

661922 APTIM VOLVO A35G 340227 - TRANSMISSION (AUTO)



Sample No: VCP452093
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 661922 APTIM



SAMPLE INFORMATION

Sample Number	VCP452093	VCP426181	VCP417010	VCP422376
Sample Date	31 Jan 2024	13 Nov 2023	27 Jul 2023	03 Apr 2023
Machine Hours	8398	8075	7611	7139
Oil Hours	500	500	2000	1500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.3	28.4	27.8	27.9
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	3	5	4
Sodium	ppm	2	2	0	2
Potassium	ppm	1	<1	2	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	17	7	25	22
Copper	ppm	11	3	18	15
Lead	ppm	0	0	0	0
Tin	ppm	3	<1	4	3
Aluminum	ppm	12	7	16	10
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	2	<1	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	68	75	78
Magnesium	ppm	2	2	2	1
Zinc	ppm	4	0	4	7
Phosphorus	ppm	201	192	182	176
Barium	ppm	0	0	0	1
Boron	ppm	94	86	96	102

Depot: VOLVO0093
Unique No: 10901632
Signed: Sean Felton
Report Date: 01 Mar 2024



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VOLVO GRAPHS

