



CONSTRUCTION EQUIPMENT

633462 APTIM VOLVO A35G 340227 - TRANSMISSION (AUTO)



Sample No: VCP426181
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 633462 APTIM



SAMPLE INFORMATION

Sample Number	VCP426181	VCP417010	VCP422376	VCP395744
Sample Date	13 Nov 2023	27 Jul 2023	03 Apr 2023	01 Feb 2023
Machine Hours	8075	7611	7139	6647
Oil Hours	500	2000	1500	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	27.8	27.9	26.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	5	4	10
Sodium	ppm	2	0	2	4
Potassium	ppm	<1	2	1	2

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	7	25	22	72
Copper	ppm	3	18	15	47
Lead	ppm	0	0	0	<1
Tin	ppm	<1	4	3	11
Aluminum	ppm	7	16	10	▲ 47
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	3	2	7
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	75	78	83
Magnesium	ppm	2	2	1	2
Zinc	ppm	0	4	7	9
Phosphorus	ppm	192	182	176	159
Barium	ppm	0	0	1	0
Boron	ppm	86	96	102	57

Depot: VOLVO0093
Unique No: 10765345
Signed: Don Baldrige
Report Date: 03 Dec 2023



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GRAPHS

