



CONSTRUCTION EQUIPMENT

621047 APTIM VOLVO A35G 340236 - TRANSMISSION (AUTO)



Sample No: VCP435999
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 621047 APTIM



SAMPLE INFORMATION

Sample Number	VCP435999	VCP395036	VCP398044	VCP394045
Sample Date	25 Oct 2023	25 May 2023	08 Mar 2023	08 Mar 2023
Machine Hours	7463	6888	6404	6404
Oil Hours	1400	2000	1500	2000
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.2	27.0	28.4	27.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	7	4	7
Sodium	ppm	3	<1	4	5
Potassium	ppm	0	3	0	4

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	36	17	31
Copper	ppm	5	16	7	11
Lead	ppm	0	0	0	0
Tin	ppm	1	5	2	4
Aluminum	ppm	12	▲ 30	8	▲ 28
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	2	0	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	63	85	76	82
Magnesium	ppm	0	2	4	6
Zinc	ppm	1	6	0	0
Phosphorus	ppm	182	187	199	191
Barium	ppm	0	0	0	0
Boron	ppm	82	81	92	72

Depot: VOLVO0093
Unique No: 10753518
Signed: Don Baldrige
Report Date: 24 Nov 2023



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VOLVO GRAPHS

