



CONSTRUCTION EQUIPMENT

701157 APTIM VOLVO A35G 340101 - TRANSMISSION (AUTO)



Sample No: VCP451336
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 701157 APTIM



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SAMPLE INFORMATION

Sample Number	VCP451336	VCP386134	VCP392923	VCP395756
Sample Date	12 Apr 2024	13 Nov 2023	24 May 2023	31 Jan 2023
Machine Hours	9074	8512	7984	7430
Oil Hours	1000	500	2000	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	27.6	28.5	28.3	27.3
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CONTAMINATION

Water	%	NEG	0.010	NEG	NEG
Silicon	ppm	5	3	3	6
Sodium	ppm	2	2	0	3
Potassium	ppm	2	<1	2	<1



WEAR METALS

Iron	ppm	15	6	16	33
Copper	ppm	8	4	10	24
Lead	ppm	5	0	0	<1
Tin	ppm	2	<1	2	4
Aluminum	ppm	11	7	11	26
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	1	0	0	<1
Nickel	ppm	<1	1	2	4
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	112	68	75	72
Magnesium	ppm	9	2	<1	<1
Zinc	ppm	25	0	0	3
Phosphorus	ppm	213	197	191	181
Barium	ppm	0	0	0	0
Boron	ppm	97	90	101	83

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: 11036712
Signed: Wes Davis
Report Date: 21 May 2024



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VOLVO GRAPHS

