



CONSTRUCTION EQUIPMENT

687521 APTIM VOLVO A35G 340236 - TRANSMISSION (AUTO)



Sample No: VCP437898
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 687521 APTIM



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SAMPLE INFORMATION

Sample Number	VCP437898	VCP444169	VCP435999	VCP395036
Sample Date	12 Mar 2024	26 Feb 2024	25 Oct 2023	25 May 2023
Machine Hours	8945	7992	7463	6888
Oil Hours	1000	2000	1400	2000
Oil Changed	Changed	Changed	Not Changd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL



OIL CONDITION

Visc @ 40°C	cSt	28.6	26.9	28.2	27.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	4	7
Sodium	ppm	2	3	3	<1
Potassium	ppm	0	2	0	3



WEAR METALS

Iron	ppm	38	10	13	36
Copper	ppm	12	3	5	16
Lead	ppm	0	0	0	0
Tin	ppm	2	2	1	5
Aluminum	ppm	15	10	12	▲ 30
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	2	1	0	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	79	70	63	85
Magnesium	ppm	1	2	0	2
Zinc	ppm	6	2	1	6
Phosphorus	ppm	218	119	182	187
Barium	ppm	0	0	0	0
Boron	ppm	88	89	82	81

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: 10976345
Signed: Don Baldrige
Report Date: 15 Apr 2024



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VOLVO GRAPHS

