



CONSTRUCTION EQUIPMENT

580674 APTIM VOLVO A35G 340227 - TRANSMISSION (AUTO)



Sample No: VCP417010
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 580674 APTIM



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SAMPLE INFORMATION

Sample Number	VCP417010	VCP422376	VCP395744	---
Sample Date	27 Jul 2023	03 Apr 2023	01 Feb 2023	---
Machine Hours	7611	7139	6647	---
Oil Hours	2000	1500	2000	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	27.8	27.9	26.0	---
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CONTAMINATION

Silicon	ppm	5	4	10	---
Sodium	ppm	0	2	4	---
Potassium	ppm	2	1	2	---



WEAR METALS

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



ADDITIVES

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

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: 10589889
Signed: Wes Davis
Report Date: 08 Aug 2023



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GRAPHS

