



CONSTRUCTION EQUIPMENT

717070 APTIM VOLVO A35G 340238 - TRANSMISSION (AUTO)



Sample No: VCP455482
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 717070 APTIM



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SAMPLE INFORMATION

Sample Number	VCP455482	VCP444255	VCP393782	VCP394446
Sample Date	29 May 2024	22 Feb 2024	31 May 2023	08 Mar 2023
Machine Hours	10638	10080	8953	8343
Oil Hours	639	1000	2000	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	27.6	28.1	27.1	27.2
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CONTAMINATION

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



WEAR METALS

Iron	ppm	29	22	42	39
Copper	ppm	10	7	18	15
Lead	ppm	0	0	0	0
Tin	ppm	3	2	6	4
Aluminum	ppm	19	14	▲ 27	21
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	2	<1	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	1	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	57	83	89
Magnesium	ppm	1	0	2	6
Zinc	ppm	12	0	5	0
Phosphorus	ppm	192	185	183	196
Barium	ppm	<1	0	0	0
Boron	ppm	97	89	81	75

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: 11072679
Signed: Doug Bogart
Report Date: 12 Jun 2024



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GRAPHS

