



CONSTRUCTION EQUIPMENT

567073 APTIM VOLVO A35G 340232 - TRANSMISSION (AUTO)



Sample No: VCP422679
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 567073 APTIM



SAMPLE INFORMATION

Sample Number	VCP422679	VCP393989	VCP389361	VCP373152
Sample Date	23 Jun 2023	16 Mar 2023	17 Oct 2022	26 May 2022
Machine Hours	7810	7309	6832	6196
Oil Hours	2000	2000	500	1000
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.9	26.0	25.9	25.5
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CONTAMINATION

Silicon	ppm	3	9	6	9
Sodium	ppm	3	7	5	4
Potassium	ppm	<1	2	0	3

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.



WEAR METALS

Iron	ppm	48	132	110	125
Copper	ppm	15	43	36	40
Lead	ppm	0	0	0	0
Tin	ppm	2	8	6	8
Aluminum	ppm	17	44	35	41
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	2	6	5	4
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	4	3	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	75	85	81	87
Magnesium	ppm	<1	1	0	1
Zinc	ppm	0	6	0	4
Phosphorus	ppm	187	173	163	156
Barium	ppm	0	0	0	0
Boron	ppm	86	64	59	69

Depot: VOLVO0093
Unique No: 10573638
Signed: Wes Davis
Report Date: 26 Jul 2023



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VOLVO GRAPHS

