



CONSTRUCTION EQUIPMENT

659961 APTIM VOLVO A35G 340070 - TRANSMISSION (AUTO)



Sample No: VCP449216
Oil Type: VOLVO AT 102
Job No: 659961 APTIM



SAMPLE INFORMATION

Sample Number	VCP449216	VCP429776	VCP417392	VCP422480
Sample Date	12 Jan 2024	26 Oct 2023	26 Jun 2023	19 Apr 2023
Machine Hours	9239	8853	8469	7985
Oil Hours	1000	500	2000	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	28.8	30.7	31.7
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CONTAMINATION

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

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	13	6	7	18
Copper	ppm	6	4	7	16
Lead	ppm	0	0	0	0
Tin	ppm	1	<1	<1	3
Aluminum	ppm	8	4	6	13
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	<1	3
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	67	63	73	78
Magnesium	ppm	1	0	<1	6
Zinc	ppm	0	11	0	5
Phosphorus	ppm	231	179	197	188
Barium	ppm	10	0	0	0
Boron	ppm	81	83	97	81

Depot: VOLVO0093
Unique No: 10886697
Signed: Wes Davis
Report Date: 21 Feb 2024



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VOLVO GRAPHS

