



CONSTRUCTION EQUIPMENT

729230 APTIM VOLVO A35G 340232 - TRANSMISSION (AUTO)



Sample No: VCP451476
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 729230 APTIM



SAMPLE INFORMATION

Sample Number	VCP451476	VCP435653	VCP422679	VCP393989
Sample Date	18 Jun 2024	25 Oct 2023	23 Jun 2023	16 Mar 2023
Machine Hours	9472	8414	7810	7309
Oil Hours	1472	414	2000	2000
Oil Changed	Not Chngd	Not Chngd	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.4	27.9	26.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	3	9
Sodium	ppm	5	2	3	7
Potassium	ppm	<1	0	<1	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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	48	23	48	▲ 132
Copper	ppm	15	7	15	43
Lead	ppm	0	0	0	0
Tin	ppm	1	1	2	8
Aluminum	ppm	17	8	17	▲ 44
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	<1	<1	2	6
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	67	62	75	85
Magnesium	ppm	2	0	<1	1
Zinc	ppm	2	2	0	6
Phosphorus	ppm	178	178	187	173
Barium	ppm	0	0	0	0
Boron	ppm	78	82	86	64

Depot: VOLVO0093
Unique No: 11127123
Signed: Don Baldrige
Report Date: 18 Jul 2024



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VOLVO GRAPHS

