



CONSTRUCTION EQUIPMENT

702890 APTIM VOLVO A35G 340109 - TRANSMISSION (AUTO)



Sample No: VCP437087
Oil Type: VOLVO AT 102
Job No: 702890 APTIM



SAMPLE INFORMATION

Sample Number	VCP437087	VCP433368	VCP424432	VCP423607
Sample Date	29 Apr 2024	12 Oct 2023	11 Jul 2023	16 Mar 2023
Machine Hours	9978	9376	8937	8480
Oil Hours	2000	1000	2000	1000
Oil Changed	Changed	Not Changd	Changed	Not Changd
Sample Status	NORMAL	ATTENTION	ABNORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.4	105	30.9	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	3	5	5
Sodium	ppm	4	3	5	4
Potassium	ppm	3	3	<1	<1

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	23	15	45	41
Copper	ppm	39	36	126	139
Lead	ppm	0	0	<1	0
Tin	ppm	3	2	5	5
Aluminum	ppm	15	10	▲ 30	▲ 27
Chromium	ppm	0	0	0	0
Molybdenum	ppm	1	1	5	6
Nickel	ppm	2	2	6	7
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	<1	<1	<1	0



ADDITIVES

Calcium	ppm	98	97	174	183
Magnesium	ppm	2	3	12	16
Zinc	ppm	28	30	79	91
Phosphorus	ppm	210	209	217	230
Barium	ppm	0	0	0	0
Boron	ppm	79	85	51	51

Depot: VOLVO0093
Unique No: 11057960
Signed: Wes Davis
Report Date: 31 May 2024



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GRAPHS

