



CONSTRUCTION EQUIPMENT

659887 APTIM VOLVO A35G 340139 - TRANSMISSION (AUTO)



Sample No: VCP449223
Oil Type: VOLVO AT 102
Job No: 659887 APTIM



SAMPLE INFORMATION

Sample Number	VCP449223	VCP441471	VCP392696	VCP396635
Sample Date	11 Jan 2024	21 Sep 2023	23 May 2023	09 Feb 2023
Machine Hours	12883	12405	11970	11400
Oil Hours	1000	405	2000	1000
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.0	32.4	27.8	43.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	3	6
Sodium	ppm	0	1	2	4
Potassium	ppm	<1	<1	3	0

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	17	12	23	61
Copper	ppm	6	4	7	26
Lead	ppm	0	0	0	<1
Tin	ppm	1	<1	3	5
Aluminum	ppm	8	3	14	▲ 34
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	<1	1	2	5
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	70	66	74	79
Magnesium	ppm	1	2	0	0
Zinc	ppm	0	5	0	0
Phosphorus	ppm	241	179	193	144
Barium	ppm	10	2	0	0
Boron	ppm	84	87	92	65

Depot: VOLVO0093
Unique No: 10886689
Signed: Don Baldrige
Report Date: 21 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

