



CONSTRUCTION EQUIPMENT

659918 APTIM VOLVO A30G 740029 - TRANSMISSION (AUTO)



Sample No: VCP431789
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 659918 APTIM



SAMPLE INFORMATION

Sample Number	VCP431789	VCP414220	VCP423699	VCP389365
Sample Date	11 Jan 2024	12 Jul 2023	03 Apr 2023	17 Oct 2022
Machine Hours	9977	9441	8919	8409
Oil Hours	500	2000	1000	1500
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.0	26.4	26.1	26.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	5	4
Sodium	ppm	2	5	2	2
Potassium	ppm	<1	<1	2	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	19	38	32	24
Copper	ppm	9	25	22	19
Lead	ppm	0	0	0	0
Tin	ppm	3	6	6	4
Aluminum	ppm	12	26	22	18
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	4	3	3
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	84	120	119	117
Magnesium	ppm	0	0	1	0
Zinc	ppm	4	13	19	4
Phosphorus	ppm	192	166	160	165
Barium	ppm	0	0	0	0
Boron	ppm	85	68	67	66

Depot: VOLVO0093
Unique No: 10862385
Signed: Wes Davis
Report Date: 06 Feb 2024



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GRAPHS

