



CONSTRUCTION EQUIPMENT

VOLVO A45G 342286 - TRANSMISSION (AUTO)



Sample No: VCP454973
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454973	VCP432012	VCP428863	VCP426339
Sample Date	10 May 2024	16 Jan 2024	16 Jan 2024	29 Sep 2023
Machine Hours	0	3868	3868	7665
Oil Hours	0	3868	1600	1000
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.0	28.1	27.6	27.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	6	3	4
Sodium	ppm	2	<1	4	0
Potassium	ppm	<1	2	<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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	18	24	28
Copper	ppm	9	7	15	19
Lead	ppm	0	0	0	<1
Tin	ppm	1	2	3	3
Aluminum	ppm	6	10	13	13
Chromium	ppm	0	<1	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	2	3
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	69	78	77
Magnesium	ppm	0	2	0	1
Zinc	ppm	3	0	0	0
Phosphorus	ppm	191	227	190	181
Barium	ppm	0	10	0	0
Boron	ppm	98	77	83	91

Depot: VOLVO0093
Unique No: 11030572
Signed: Don Baldrige
Report Date: 16 May 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

