



CONSTRUCTION EQUIPMENT

701666 VOLVO A35G 340108 - TRANSMISSION (AUTO)



Sample No: VCP445529
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 701666



SAMPLE INFORMATION

Sample Number	VCP445529	VCP410688	VCP372524	VCP245828
Sample Date	23 Apr 2024	19 Apr 2023	06 Jul 2022	17 May 2019
Machine Hours	9761	8835	7952	3990
Oil Hours	2000	0	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

BLAZE CONSTRUCTION

5640 ST JEAN ST
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OIL CONDITION

Visc @ 40°C	cSt	28.1	28.0	27.6	27.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	2	4	4
Sodium	ppm	3	2	2	4
Potassium	ppm	2	<1	2	0

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	17	9	23	10
Copper	ppm	10	9	30	12
Lead	ppm	0	0	<1	<1
Tin	ppm	2	<1	4	<1
Aluminum	ppm	10	9	17	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	1	0	1
Nickel	ppm	1	1	0	1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	79	82	124
Magnesium	ppm	5	6	3	8
Zinc	ppm	10	11	12	27
Phosphorus	ppm	200	207	181	193
Barium	ppm	<1	0	0	0
Boron	ppm	98	95	94	76

Depot: BLADET
Unique No: 11008108
Signed: Don Baldrige
Report Date: 06 May 2024



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GRAPHS

