



CONSTRUCTION EQUIPMENT

W07013611 VOLVO A35G 340182 - TRANSMISSION (AUTO)



Sample No: VCP409358
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W07013611



SAMPLE INFORMATION

Sample Number	VCP409358	VCP423626	VCP396726	VCP390013
Sample Date	12 Oct 2023	10 Apr 2023	10 Mar 2023	07 Mar 2023
Machine Hours	10903	10133	10129	10128
Oil Hours	1000	2	0	100
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ABNORMAL	NORMAL	NORMAL	ABNORMAL

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 GLEN ALLEN, VA
 US 23060
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OIL CONDITION

Visc @ 40°C	cSt	28.0	30.4	29.3	29.3
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CONTAMINATION

Silicon	ppm	4	5	6	7
Sodium	ppm	0	1	0	1
Potassium	ppm	2	<1	2	0



WEAR METALS

Iron	ppm	26	3	16	18
Copper	ppm	15	<1	4	4
Lead	ppm	<1	0	0	0
Tin	ppm	4	0	<1	<1
Aluminum	ppm	14	1	10	9
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	2	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	82	71	99	91
Magnesium	ppm	2	1	2	0
Zinc	ppm	0	2	7	0
Phosphorus	ppm	197	199	194	222
Barium	ppm	0	0	0	0
Boron	ppm	98	106	86	95

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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.

Depot: VOLVO8882
Unique No: 10709688
Signed: Sean Felton
Report Date: 25 Oct 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

