



CONSTRUCTION EQUIPMENT

VOLVO A40 352852 - TRANSMISSION (AUTO)



Sample No: VCP411554
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP411554	VCP420076	VCP395059	VCP364571
Sample Date	12 Jul 2023	19 Jun 2023	10 Mar 2023	03 Nov 2022
Machine Hours	3635	3956	2973	2424
Oil Hours	0	0	1000	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.5	28.4	28.5	29.25
-------------	-----	-------------	------	------	-------



CONTAMINATION

Silicon	ppm	13	4	5	4
Sodium	ppm	5	3	3	3
Potassium	ppm	2	0	0	1



WEAR METALS

Iron	ppm	55	23	19	13
Copper	ppm	21	11	12	10
Lead	ppm	0	0	0	<1
Tin	ppm	3	2	3	2
Aluminum	ppm	19	15	11	9
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	2	1	1	2
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	0	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	72	67	76	74
Magnesium	ppm	<1	0	3	1
Zinc	ppm	0	0	0	1
Phosphorus	ppm	184	193	200	203
Barium	ppm	0	0	0	0
Boron	ppm	77	88	89	88

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.

Depot: RIPTAM
Unique No: 10615352
Signed: Wes Davis
Report Date: 22 Aug 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

