



CONSTRUCTION EQUIPMENT

567604 VOLVO A40G 342177 - TRANSMISSION (AUTO)



Sample No: VCP417569
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 567604



SAMPLE INFORMATION

Sample Number	VCP417569	VCP358248	VCP373187	VCP335296
Sample Date	29 Jun 2023	12 Sep 2022	19 May 2022	02 Mar 2022
Machine Hours	10619	9334	8694	8227
Oil Hours	2000	500	0	1500
Oil Changed	Changed	Not Chngd	N/A	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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F:



OIL CONDITION

Visc @ 40°C	cSt	28.2	28.2	28.6	27.2
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CONTAMINATION

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



WEAR METALS

Iron	ppm	23	14	13	23
Copper	ppm	20	15	9	23
Lead	ppm	0	<1	0	<1
Tin	ppm	2	2	1	2
Aluminum	ppm	12	7	4	9
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	2	2	0	1
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	80	75	72	78
Magnesium	ppm	<1	2	2	2
Zinc	ppm	0	4	5	<1
Phosphorus	ppm	201	183	184	193
Barium	ppm	0	0	<1	0
Boron	ppm	100	86	110	86

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: 10574702
Signed: Wes Davis
Report Date: 27 Jul 2023



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GRAPHS

