



CONSTRUCTION EQUIPMENT

729036 VOLVO A40G 342177 - TRANSMISSION (AUTO)



Sample No: VCP445590
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 729036



SAMPLE INFORMATION

Sample Number	VCP445590	VCP417569	VCP358248	VCP373187
Sample Date	06 Jun 2024	29 Jun 2023	12 Sep 2022	19 May 2022
Machine Hours	11658	10619	9334	8694
Oil Hours	1000	2000	500	0
Oil Changed	Not Changd	Changed	Not Changd	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	29.3	28.2	28.2	28.6
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CONTAMINATION

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

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	9	23	14	13
Copper	ppm	11	20	15	9
Lead	ppm	0	0	<1	0
Tin	ppm	0	2	2	1
Aluminum	ppm	4	12	7	4
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	2	2	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	69	80	75	72
Magnesium	ppm	<1	<1	2	2
Zinc	ppm	2	0	4	5
Phosphorus	ppm	186	201	183	184
Barium	ppm	0	0	0	<1
Boron	ppm	90	100	86	110

Depot: RIPTAM
Unique No: 11127113
Signed: Sean Felton
Report Date: 18 Jul 2024



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VOLVO GRAPHS

