



CONSTRUCTION EQUIPMENT

VOLVO A40G 352987 - TRANSMISSION (AUTO)



Sample No: VCP438587
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP438587	VCP429923	VCP395877	---
Sample Date	15 Apr 2024	09 Nov 2023	29 Sep 2023	---
Machine Hours	3943	4706	3262	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Not Changd	---
Sample Status	NORMAL	MARGINAL	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	27.5	29.1	30.5	---
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CONTAMINATION

Water	%	NEG	▲ 0.102	NEG	---
Silicon	ppm	15	4	13	---
Sodium	ppm	6	3	6	---
Potassium	ppm	5	2	2	---

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	66	13	57	---
Copper	ppm	29	7	23	---
Lead	ppm	<1	0	0	---
Tin	ppm	6	<1	4	---
Aluminum	ppm	29	6	25	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	4	1	3	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	3	<1	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	77	79	68	---
Magnesium	ppm	2	5	1	---
Zinc	ppm	5	0	0	---
Phosphorus	ppm	203	199	191	---
Barium	ppm	0	0	0	---
Boron	ppm	70	87	72	---

Depot: RIPTAM
Unique No: 10990437
Signed: Jonathan Hester
Report Date: 24 Apr 2024



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GRAPHS

