



CONSTRUCTION EQUIPMENT

VOLVO A40G 352987 - TRANSMISSION (AUTO)



Sample No: VCP429923
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP429923	VCP395877	---	---
Sample Date	09 Nov 2023	29 Sep 2023	---	---
Machine Hours	4706	3262	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	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	█ 29.1	█ 30.5	---	---
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CONTAMINATION

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

Diagnosis
 Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

Calcium	ppm	█ 79	68	---	---
Magnesium	ppm	█ 5	█ 1	---	---
Zinc	ppm	█ 0	█ 0	---	---
Phosphorus	ppm	█ 199	█ 191	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 87	█ 72	---	---

Depot: RIPTAM
Unique No: 10778031
Signed: Don Baldrige
Report Date: 11 Dec 2023



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GRAPHS

