



CONSTRUCTION EQUIPMENT

VOLVO A40G 353131 - TRANSMISSION (AUTO)



Sample No: VCP432498
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP432498	VCP423526	VCP389377	---
Sample Date	30 Oct 2023	07 Apr 2023	03 Oct 2022	---
Machine Hours	2827	1594	507	---
Oil Hours	0	1594	500	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	NORMAL	NORMAL	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	33.2	28.1	28.4	---
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CONTAMINATION

Water	%	0.084	NEG	NEG	---
Silicon	ppm	7	19	15	---
Sodium	ppm	2	4	2	---
Potassium	ppm	2	4	0	---

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	27	65	28	---
Copper	ppm	7	16	9	---
Lead	ppm	0	<1	0	---
Tin	ppm	1	4	1	---
Aluminum	ppm	9	16	8	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	<1	2	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	5	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	58	71	72	---
Magnesium	ppm	2	2	<1	---
Zinc	ppm	0	9	0	---
Phosphorus	ppm	219	178	191	---
Barium	ppm	0	2	0	---
Boron	ppm	67	86	79	---

Depot: RIPTAM
Unique No: 10776682
Signed: Jonathan Hester
Report Date: 08 Dec 2023



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GRAPHS

