



CONSTRUCTION EQUIPMENT

634367 VOLVO A40G 352842 - TRANSMISSION (AUTO)



Sample No: VCP432455
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 634367



SAMPLE INFORMATION

Sample Number	VCP432455	VCP414667	VCP392931	VCP386671
Sample Date	27 Nov 2023	11 Sep 2023	11 May 2023	13 Oct 2022
Machine Hours	4010	3555	3070	1984
Oil Hours	2000	0	1000	1984
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	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	29.2	29.3	29.5	33.07
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	8	6	15
Sodium	ppm	5	5	4	3
Potassium	ppm	1	2	3	6

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	47	52	36	75
Copper	ppm	17	15	13	31
Lead	ppm	0	0	0	0
Tin	ppm	4	3	3	5
Aluminum	ppm	19	16	18	27
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	2	2	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	69	70	69
Magnesium	ppm	0	2	0	<1
Zinc	ppm	0	0	0	7
Phosphorus	ppm	201	186	205	212
Barium	ppm	0	0	0	2
Boron	ppm	80	90	87	61

Depot: RIPTAM
Unique No: 10862390
Signed: Don Baldrige
Report Date: 07 Feb 2024



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VOLVO GRAPHS

