



CONSTRUCTION EQUIPMENT

VOLVO A40G 352851 - TRANSMISSION (AUTO)



Sample No: VCP428658
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP428658	VCP436024	VCP406501	VCP386665
Sample Date	21 Feb 2024	06 Nov 2023	12 Apr 2023	07 Oct 2022
Machine Hours	4599	4099	3090	2036
Oil Hours	0	2000	1000	1500
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	32.7	28.3	28.4	30.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	13	15	13
Sodium	ppm	3	5	4	2
Potassium	ppm	1	3	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	21	56	50	16
Copper	ppm	7	22	20	6
Lead	ppm	0	0	0	0
Tin	ppm	1	3	2	<1
Aluminum	ppm	8	21	17	3
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	3	2	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	5	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	78	72	73	75
Magnesium	ppm	<1	2	<1	<1
Zinc	ppm	6	0	6	6
Phosphorus	ppm	198	194	190	194
Barium	ppm	0	0	0	0
Boron	ppm	92	66	80	83

Depot: RIPTAM
Unique No: 10996251
Signed: Don Baldrige
Report Date: 29 Apr 2024



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GRAPHS

