



CONSTRUCTION EQUIPMENT

688604 VOLVO A30G 752326 - TRANSMISSION (AUTO)



Sample No: VCP445507
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 688604



SAMPLE INFORMATION

Sample Number	VCP445507	VCP433451	VCP424502	VCP396878
Sample Date	04 Apr 2024	30 Nov 2023	06 Jun 2023	08 Mar 2023
Machine Hours	5120	4560	3591	3043
Oil Hours	1000	500	0	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
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	28.6	28.9	30.1	27.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	5	8
Sodium	ppm	2	0	4	5
Potassium	ppm	<1	<1	0	<1

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	8	6	29	27
Copper	ppm	3	2	10	13
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	3	3
Aluminum	ppm	6	2	20	17
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	0	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	72	61	69
Magnesium	ppm	2	<1	0	0
Zinc	ppm	8	0	0	2
Phosphorus	ppm	197	252	205	185
Barium	ppm	0	3	0	0
Boron	ppm	96	112	81	85

Depot: RIPTAM
Unique No: 11031878
Signed: Don Baldrige
Report Date: 17 May 2024



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VOLVO GRAPHS

