



CONSTRUCTION EQUIPMENT

687484 VOLVO A30G 752866 - TRANSMISSION (AUTO)



Sample No: VCP437875
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 687484



SAMPLE INFORMATION

Sample Number	VCP437875	VCP432183	VCP422145	VCP393206
Sample Date	15 Mar 2024	28 Nov 2023	05 Jul 2023	13 Feb 2023
Machine Hours	2208	2710	1096	526
Oil Hours	2208	0	1096	526
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
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	29.0	29.12	29.2	29.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	13	15	15
Sodium	ppm	5	7	3	3
Potassium	ppm	0	4	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	49	25	25	19
Copper	ppm	23	18	18	13
Lead	ppm	0	0	0	0
Tin	ppm	5	4	4	3
Aluminum	ppm	24	17	18	10
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	2	2	2	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	3	4	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	83	63	69	70
Magnesium	ppm	0	2	0	0
Zinc	ppm	13	5	0	4
Phosphorus	ppm	217	158	198	183
Barium	ppm	1	2	0	0
Boron	ppm	76	68	76	88

Depot: RIPTAM
Unique No: 10976339
Signed: Don Baldrige
Report Date: 15 Apr 2024



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GRAPHS

