



CONSTRUCTION EQUIPMENT

VOLVO A30G 752343 - TRANSMISSION (AUTO)



Sample No: VCP429000
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP429000	VCP411826	VCP410218	VCP369724
Sample Date	27 Oct 2023	21 Jul 2023	24 Apr 2023	26 Jan 2023
Machine Hours	4507	3990	3570	3025
Oil Hours	0	2000	1570	1500
Oil Changed	N/A	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	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	28.8	28.6	28.4	28.8
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CONTAMINATION

Water	%	0.075	NEG	NEG	NEG
Silicon	ppm	4	6	6	6
Sodium	ppm	5	3	3	5
Potassium	ppm	1	2	3	<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	10	27	26	20
Copper	ppm	4	8	6	7
Lead	ppm	0	0	0	0
Tin	ppm	2	4	3	2
Aluminum	ppm	7	18	14	12
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	63	72	71	70
Magnesium	ppm	2	1	4	0
Zinc	ppm	4	7	4	2
Phosphorus	ppm	162	189	205	189
Barium	ppm	<1	1	0	0
Boron	ppm	85	95	82	87

Depot: RIPTAM
Unique No: 10848696
Signed: Jonathan Hester
Report Date: 30 Jan 2024



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VOLVO GRAPHS

