



CONSTRUCTION EQUIPMENT

VOLVO A30G 752905 - TRANSMISSION (AUTO)



Sample No: VCP451489
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP451489	VCP414672	VCP418277	VCP338031
Sample Date	03 May 2024	11 Sep 2023	13 Jun 2023	22 Feb 2023
Machine Hours	2913	1802	1244	537
Oil Hours	0	0	1244	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
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	28.5	29.1	29.2	29.8
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	13	13	14
Sodium	ppm	8	6	4	5
Potassium	ppm	4	4	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	44	34	30	20
Copper	ppm	20	18	16	12
Lead	ppm	0	0	0	0
Tin	ppm	5	4	4	2
Aluminum	ppm	26	21	20	11
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	1	1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	3	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	74	71	70	68
Magnesium	ppm	0	2	0	0
Zinc	ppm	9	0	0	3
Phosphorus	ppm	195	182	194	186
Barium	ppm	1	0	0	<1
Boron	ppm	73	84	75	83

Depot: RIPTAM
Unique No: 11057953
Signed: Don Baldrige
Report Date: 02 Jun 2024



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GRAPHS

