



CONSTRUCTION EQUIPMENT

658711 VOLVO A30G 742060 - TRANSMISSION (AUTO)



Sample No: VCP442572
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 658711



SAMPLE INFORMATION

Sample Number	VCP442572	VCP422944	VCP398960	VCP386081
Sample Date	06 Jan 2024	24 Jul 2023	13 Dec 2022	26 Sep 2022
Machine Hours	9195	7223	8120	7673
Oil Hours	1000	0	2000	1600
Oil Changed	Not Chngd	N/A	Changed	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	28.2	26.1	27.9	28.1
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	3	4	5
Sodium	ppm	3	4	4	4
Potassium	ppm	0	<1	0	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	19	18	31	23
Copper	ppm	15	13	25	18
Lead	ppm	0	0	<1	0
Tin	ppm	2	2	4	2
Aluminum	ppm	10	8	15	13
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	1	1	3	3
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	0	1



ADDITIVES

Calcium	ppm	78	74	101	90
Magnesium	ppm	0	2	2	0
Zinc	ppm	0	0	6	<1
Phosphorus	ppm	200	183	190	182
Barium	ppm	0	0	0	0
Boron	ppm	90	95	90	73

Depot: RIPTAM
Unique No: 10862387
Signed: Don Baldrige
Report Date: 07 Feb 2024



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VOLVO GRAPHS

