



CONSTRUCTION EQUIPMENT

VOLVO A30G 742023 - TRANSMISSION (AUTO)



Sample No: VCP447044
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP447044	VCP414673	VCP415942	VCP394459
Sample Date	01 Apr 2024	11 Sep 2023	14 Jun 2023	08 Mar 2023
Machine Hours	8289	8246	7442	7220
Oil Hours	0	2000	0	1500
Oil Changed	Not Chngd	Changed	Changed	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	28.66	28.1	28.5	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	4	3	6
Sodium	ppm	<1	2	3	4
Potassium	ppm	1	1	0	0

Diagnosis
 Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	17	20	18	17
Copper	ppm	2	9	6	10
Lead	ppm	0	0	0	0
Tin	ppm	0	2	<1	1
Aluminum	ppm	3	6	11	10
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	<1	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	72	69	66	71
Magnesium	ppm	2	2	0	<1
Zinc	ppm	13	6	0	5
Phosphorus	ppm	188	183	191	190
Barium	ppm	0	2	0	0
Boron	ppm	92	83	89	85

Depot: RIPTAM
Unique No: 11049396
Signed: Don Baldrige
Report Date: 03 Jun 2024



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VOLVO GRAPHS

