



CONSTRUCTION EQUIPMENT

VOLVO A30G 742023 - TRANSMISSION (AUTO)



Sample No: VCP415942
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415942	VCP394459	VCP385868	VCP359389
Sample Date	14 Jun 2023	08 Mar 2023	26 Sep 2022	20 Apr 2022
Machine Hours	7442	7220	6676	6218
Oil Hours	0	1500	600	200
Oil Changed	Changed	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
 rturner@ripatampa.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.5	28.4	28.5	27.8
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CONTAMINATION

Silicon	ppm	3	6	4	5
Sodium	ppm	3	4	3	2
Potassium	ppm	0	0	1	0



WEAR METALS

Iron	ppm	18	17	10	22
Copper	ppm	6	10	8	17
Lead	ppm	0	0	0	<1
Tin	ppm	<1	1	<1	3
Aluminum	ppm	11	10	8	13
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	2
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	1
Vanadium	ppm	0	0	1	0



ADDITIVES

Calcium	ppm	66	71	72	78
Magnesium	ppm	0	<1	0	2
Zinc	ppm	0	5	0	9
Phosphorus	ppm	191	190	180	182
Barium	ppm	0	0	0	0
Boron	ppm	89	85	78	83

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.

Depot: RIPTAM
Unique No: 10552386
Signed: Wes Davis
Report Date: 13 Jul 2023



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VOLVO GRAPHS

