



CONSTRUCTION EQUIPMENT

VOLVO A30G 742109 - TRANSMISSION (AUTO)



Sample No: VCP417367
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP417367	VCP397271	VCP389218	VCP359704
Sample Date	11 Jun 2023	16 Jan 2023	21 Oct 2022	25 Jul 2022
Machine Hours	9411	8854	8413	8025
Oil Hours	0	1500	500	2000
Oil Changed	Changed	Not Changd	Not Changd	Changed
Sample Status	SEVERE	NORMAL	ABNORMAL	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	25.5	28.3	28.4	27.9
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CONTAMINATION

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



WEAR METALS

Iron	ppm	374	17	12	25
Copper	ppm	9	7	6	12
Lead	ppm	0	<1	0	0
Tin	ppm	0	2	1	3
Aluminum	ppm	4	10	6	17
Chromium	ppm	1	0	0	0
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	12	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	82	78	75	82
Magnesium	ppm	0	2	0	<1
Zinc	ppm	53	2	0	1
Phosphorus	ppm	170	184	193	187
Barium	ppm	0	0	0	0
Boron	ppm	38	93	90	80

Diagnosis

The fluid change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. 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: 10552370
Signed: Don Baldrige
Report Date: 14 Jul 2023



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VOLVO GRAPHS

