



CONSTRUCTION EQUIPMENT

VOLVO A30G 742109 - TRANSMISSION (AUTO)



Sample No: VCP418279
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP418279	VCP417367	VCP397271	VCP389218
Sample Date	12 Jun 2023	11 Jun 2023	16 Jan 2023	21 Oct 2022
Machine Hours	9411	9411	8854	8413
Oil Hours	0	0	1500	500
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	ABNORMAL	SEVERE	NORMAL	ABNORMAL

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
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 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	28.3	25.5	28.3	28.4
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CONTAMINATION

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

Diagnosis
 We suspect abnormal contamination may be due to sampling method. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

Iron	ppm	18	374	17	12
Copper	ppm	4	9	7	6
Lead	ppm	0	0	<1	0
Tin	ppm	<1	0	2	1
Aluminum	ppm	11	4	10	6
Chromium	ppm	0	1	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	12	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	68	82	78	75
Magnesium	ppm	0	0	2	0
Zinc	ppm	0	53	2	0
Phosphorus	ppm	189	170	184	193
Barium	ppm	0	0	0	0
Boron	ppm	90	38	93	90

Depot: RIPTAM
Unique No: 10552379
Signed: Sean Felton
Report Date: 14 Jul 2023



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VOLVO GRAPHS

