



CONSTRUCTION EQUIPMENT

579739 VOLVO L90H 624033 - TRANSMISSION (AUTO)



Sample No: VCP420928
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 579739



SAMPLE INFORMATION

Sample Number	VCP420928	VCP403967	VCP400226	VCP364490
Sample Date	18 Jul 2023	01 Apr 2023	07 Dec 2022	01 Sep 2022
Machine Hours	9461	8904	8375	7892
Oil Hours	1400	900	4000	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	27.8	27.6	26.2	26.3
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CONTAMINATION

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



WEAR METALS

Iron	ppm	20	18	36	34
Copper	ppm	4	3	6	5
Lead	ppm	0	0	0	4
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	<1	4
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	2	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	85	86	98	96
Magnesium	ppm	<1	1	<1	2
Zinc	ppm	14	16	29	27
Phosphorus	ppm	195	198	174	167
Barium	ppm	0	0	<1	0
Boron	ppm	93	87	67	61

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: 10572512
Signed: Wes Davis
Report Date: 25 Jul 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

