



CONSTRUCTION EQUIPMENT

VOLVO L110H 632271 - TRANSMISSION (AUTO)



Sample No: VCP436027
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436027	VCP398103	VCP385267	VCP348584
Sample Date	06 Oct 2023	03 Mar 2023	18 Nov 2022	11 Aug 2022
Machine Hours	2781	1542	984	452
Oil Hours	0	1542	500	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	27.8	27.8	28.4	28.9
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CONTAMINATION

Silicon	ppm	8	7	6	6
Sodium	ppm	4	3	3	3
Potassium	ppm	<1	4	<1	0



WEAR METALS

Iron	ppm	57	45	32	28
Copper	ppm	5	3	4	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	2	3	2
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	5	5	4	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	86	84	85
Magnesium	ppm	3	6	2	2
Zinc	ppm	19	5	15	15
Phosphorus	ppm	180	197	186	201
Barium	ppm	5	0	3	2
Boron	ppm	72	72	80	96

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: 10724422
Signed: Wes Davis
Report Date: 02 Nov 2023



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GRAPHS

