



CONSTRUCTION EQUIPMENT

VOLVO L110H 632271 - TRANSMISSION (AUTO)



Sample No: VCP451152
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP451152	VCP436027	VCP398103	VCP385267
Sample Date	06 May 2024	06 Oct 2023	03 Mar 2023	18 Nov 2022
Machine Hours	3861	2781	1542	984
Oil Hours	0	0	1542	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
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	28.6	27.8	27.8	28.4
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	70	57	45	32
Copper	ppm	6	5	3	4
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	5	3	2	3
Chromium	ppm	<1	0	<1	0
Molybdenum	ppm	<1	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	5	5	5	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	79	77	86	84
Magnesium	ppm	<1	3	6	2
Zinc	ppm	17	19	5	15
Phosphorus	ppm	196	180	197	186
Barium	ppm	4	5	0	3
Boron	ppm	78	72	72	80

Depot: RIPTAM
Unique No: 11030569
Signed: Don Baldrige
Report Date: 16 May 2024

VOLVO **GRAPHS**

