



CONSTRUCTION EQUIPMENT

VOLVO L110H 631298 - TRANSMISSION (AUTO)



Sample No: VCP450941
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP450941	VCP438835	VCP429518	VCP396860
Sample Date	20 May 2024	04 Apr 2024	26 Oct 2023	18 Jul 2023
Machine Hours	10020	8536	0	8405
Oil Hours	0	2000	0	4000
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	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	27.6	27.2	28.2	26.2
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CONTAMINATION

Water	%	NEG	NEG	▲ 0.106	NEG
Silicon	ppm	4	4	3	4
Sodium	ppm	4	3	0	<1
Potassium	ppm	2	<1	1	<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	20	64	15	48
Copper	ppm	2	6	2	4
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	3	8	2	7
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	<1	2	0	1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	68	75	69	77
Magnesium	ppm	<1	<1	2	2
Zinc	ppm	7	22	0	10
Phosphorus	ppm	179	181	185	160
Barium	ppm	<1	0	0	2
Boron	ppm	84	69	88	74

Depot: RIPTAM
Unique No: 11056622
Signed: Sean Felton
Report Date: 31 May 2024



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VOLVO GRAPHS

