



CONSTRUCTION EQUIPMENT

VOLVO L110H 631951 - TRANSMISSION (AUTO)



Sample No: VCP415589
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP415589	VCP390683	VCP312776	---
Sample Date	21 Jul 2023	22 Sep 2022	17 Dec 2021	---
Machine Hours	2484	1413	908	---
Oil Hours	0	500	908	---
Oil Changed	Not Chngd	Not Chngd	Not Chngd	---
Sample Status	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	26.4	26.6	27.2	---
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CONTAMINATION

Silicon	ppm	10	9	10	---
Sodium	ppm	5	2	2	---
Potassium	ppm	<1	<1	0	---

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	61	52	45	---
Copper	ppm	6	6	6	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	4	4	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	5	5	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	74	73	74	---
Magnesium	ppm	3	0	2	---
Zinc	ppm	21	25	27	---
Phosphorus	ppm	142	138	150	---
Barium	ppm	4	4	5	---
Boron	ppm	52	55	58	---

Depot: RIPTAM
Unique No: 10606426
Signed: Wes Davis
Report Date: 17 Aug 2023



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GRAPHS

