



CONSTRUCTION EQUIPMENT

VOLVO L110H 631237 - TRANSMISSION (AUTO)



Sample No: VCP414633
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP414633	VCP386078	VCP354098	VCP346359
Sample Date	06 Sep 2023	02 Nov 2022	17 Jun 2022	03 Mar 2022
Machine Hours	0	8131	7658	7211
Oil Hours	0	4000	1500	1200
Oil Changed	Not Changd	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: ROBERT TURNER
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	29.4	28.0	26.0	28.5
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CONTAMINATION

Silicon	ppm	4	6	5	6
Sodium	ppm	1	2	2	3
Potassium	ppm	2	0	0	0



WEAR METALS

Iron	ppm	18	72	68	67
Copper	ppm	3	7	6	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	7	14	14	12
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	3	2	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	377	80	78	87
Magnesium	ppm	10	<1	<1	0
Zinc	ppm	109	0	10	9
Phosphorus	ppm	265	162	143	163
Barium	ppm	0	0	0	0
Boron	ppm	87	61	62	68

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: 10675931
Signed: Wes Davis
Report Date: 05 Oct 2023



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VOLVO GRAPHS

