



CONSTRUCTION EQUIPMENT

VOLVO L110H 631293 - TRANSMISSION (AUTO)



Sample No: VCP435945
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP435945	VCP407859	VCP400047	VCP377508
Sample Date	15 Nov 2023	24 May 2023	19 Dec 2022	17 Aug 2022
Machine Hours	8024	9503	6979	6526
Oil Hours	0	0	979	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	27.4	27.2	27.4	27.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	4	3	4
Sodium	ppm	2	2	0	2
Potassium	ppm	1	2	2	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	62	60	56	54
Copper	ppm	7	6	6	6
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	8	8	6	8
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	2	2	1	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	77	78	81
Magnesium	ppm	2	4	2	2
Zinc	ppm	8	17	22	18
Phosphorus	ppm	177	189	181	191
Barium	ppm	0	0	2	0
Boron	ppm	69	81	73	70

Depot: RIPTAM
Unique No: 10776684
Signed: Jonathan Hester
Report Date: 08 Dec 2023



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VOLVO GRAPHS

