



CONSTRUCTION EQUIPMENT

729565 VOLVO L110H 631978 - TRANSMISSION (AUTO)



Sample No: VCP440230
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 729565



SAMPLE INFORMATION

Sample Number	VCP440230	VCP444165	VCP414739	VCP400229
Sample Date	14 Jun 2024	19 Mar 2024	31 Aug 2023	08 Dec 2022
Machine Hours	5953	5374	4344	3188
Oil Hours	1500	0	2000	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
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	27.8	28.2	26.6	26.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	5	10	9
Sodium	ppm	4	<1	5	6
Potassium	ppm	0	2	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	26	27	110	98
Copper	ppm	4	4	11	9
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	<1	<1
Aluminum	ppm	2	1	2	5
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	<1	0	<1
Manganese	ppm	2	1	8	7
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	81	85	69	72
Magnesium	ppm	4	6	4	3
Zinc	ppm	28	33	115	105
Phosphorus	ppm	189	194	160	175
Barium	ppm	<1	0	6	3
Boron	ppm	81	94	34	36

Depot: RIPTAM
Unique No: 11127121
Signed: Wes Davis
Report Date: 17 Jul 2024



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VOLVO GRAPHS

