



CONSTRUCTION EQUIPMENT

VOLVO L110H 631978 - TRANSMISSION (AUTO)



Sample No: VCP444165
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP444165	VCP414739	VCP400229	VCP367151
Sample Date	19 Mar 2024	31 Aug 2023	08 Dec 2022	09 Sep 2022
Machine Hours	5374	4344	3188	2714
Oil Hours	0	2000	500	2714
Oil Changed	Not Chngd	Changed	Not Chngd	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	28.2	26.6	26.7	26.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	10	9	8
Sodium	ppm	<1	5	6	5
Potassium	ppm	2	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	27	110	98	88
Copper	ppm	4	11	9	9
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	<1	<1	<1
Aluminum	ppm	1	2	5	5
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	1	8	7	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	85	69	72	67
Magnesium	ppm	6	4	3	3
Zinc	ppm	33	115	105	102
Phosphorus	ppm	194	160	175	151
Barium	ppm	0	6	3	2
Boron	ppm	94	34	36	36

Depot: RIPTAM
Unique No: 11044893
Signed: Wes Davis
Report Date: 23 May 2024



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GRAPHS

