



CONSTRUCTION EQUIPMENT

SW1013401 TERRA VOLVO L110H 631395 - TRANSMISSION (AUTO)



Sample No: VCP396570
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW1013401 TERRA



SAMPLE INFORMATION

Sample Number	VCP396570	VCP363190	VCP313525	VCP302483
Sample Date	16 Mar 2023	13 Oct 2022	02 Mar 2022	12 Jan 2021
Machine Hours	7586	6672	5220	3496
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.5	22.8	22.4	23.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	4	7	6	6
Sodium	ppm	2	<1	3	4
Potassium	ppm	<1	2	0	5

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	12	34	24	19
Copper	ppm	8	36	21	10
Lead	ppm	0	0	0	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	3	9	6	5
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	174	184	154	193
Magnesium	ppm	6	3	2	3
Zinc	ppm	35	26	14	19
Phosphorus	ppm	195	241	234	267
Barium	ppm	0	0	0	0
Boron	ppm	72	63	69	77

Depot: VOLVO5856
Unique No: 10389717
Signed: Wes Davis
Report Date: 24 Mar 2023



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VOLVO GRAPHS

