



CONSTRUCTION EQUIPMENT

CITRUS COUNTY VOLVO L110H 632392 - TRANSMISSION (AUTO)



Sample No: VCP429271
Oil Type: VOLVO AT 102
Job No: CITRUS COUNTY



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SAMPLE INFORMATION

Sample Number	VCP429271	VCP396850	VCP424823	VCP395737
Sample Date	18 Oct 2023	26 Jul 2023	01 May 2023	02 Feb 2023
Machine Hours	2613	2132	1513	1058
Oil Hours	2613	2132	0	1000
Oil Changed	Not Changd	Not Changd	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	28.2	28.1	28.2	28.6
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CONTAMINATION

Silicon	ppm	10	12	11	11
Sodium	ppm	4	3	2	3
Potassium	ppm	0	1	2	<1



WEAR METALS

Iron	ppm	65	64	57	57
Copper	ppm	7	8	7	6
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	2	<1	2
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	5	6	6	6
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	66	69	69
Magnesium	ppm	0	1	1	<1
Zinc	ppm	49	49	49	47
Phosphorus	ppm	173	177	178	179
Barium	ppm	4	6	4	3
Boron	ppm	56	62	56	60

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: VOLVO0093
Unique No: 10738496
Signed: Wes Davis
Report Date: 13 Nov 2023



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GRAPHS

