



CONSTRUCTION EQUIPMENT

CITRUS CO VOLVO L110H 632401 - TRANSMISSION (AUTO)



Sample No: VCP435626
Oil Type: VOLVO AT 102
Job No: CITRUS CO



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SAMPLE INFORMATION

Sample Number	VCP435626	VCP452230	VCP3952112	VCP393521
Sample Date	27 Mar 2024	10 Jan 2024	18 Oct 2023	26 Jul 2023
Machine Hours	3619	3072	2627	2144
Oil Hours	0	0	2627	2144
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	27.7	28.0	28.1	28.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	13	10	10	12
Sodium	ppm	4	4	4	3
Potassium	ppm	4	0	0	1



WEAR METALS

Iron	ppm	86	64	72	75
Copper	ppm	8	8	6	7
Lead	ppm	<1	0	0	<1
Tin	ppm	<1	<1	0	<1
Aluminum	ppm	2	2	<1	3
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	6	7	6	7
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	72	57	67	95
Magnesium	ppm	1	0	0	1
Zinc	ppm	53	47	48	60
Phosphorus	ppm	176	188	175	186
Barium	ppm	2	5	3	5
Boron	ppm	59	54	59	64

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: 11044896
Signed: Wes Davis
Report Date: 23 May 2024



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VOLVO GRAPHS

