



CONSTRUCTION EQUIPMENT

VOLVO L110H 05632247 - TRANSMISSION (AUTO)



Sample No: VCP436456
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436456	VCP443064	VCP406528	VCP407154
Sample Date	09 Apr 2024	12 Feb 2024	16 Oct 2023	09 Aug 2023
Machine Hours	6919	0	5396	4793
Oil Hours	508	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

CITY CARTING
 221 OLD GATE LN
 MILFORD, CT
 US 06460
 Contact: TAVINS BANKS
 tavins@citycart.net
 T: (203)223-3885
 F:



OIL CONDITION

Visc @ 40°C	cSt	28.3	27.9	28.5	28.2
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	5	3
Sodium	ppm	3	<1	3	0
Potassium	ppm	0	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	19	19	17
Copper	ppm	8	7	6	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	3	4	4
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	<1	1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	77	70	69	69
Magnesium	ppm	0	1	0	0
Zinc	ppm	11	0	0	0
Phosphorus	ppm	210	236	187	196
Barium	ppm	<1	10	0	0
Boron	ppm	93	82	88	99

Depot: CITMILCON
Unique No: 10980899
Signed: Sean Felton
Report Date: 18 Apr 2024



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GRAPHS

