



CONSTRUCTION EQUIPMENT

VOLVO L110H 05632247 - TRANSMISSION (AUTO)



Sample No: VCP443996
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP443996	VCP436456	VCP443064	VCP406528
Sample Date	11 Jun 2024	09 Apr 2024	12 Feb 2024	16 Oct 2023
Machine Hours	7473	6919	0	5396
Oil Hours	0	508	0	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	ABNORMAL	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	30.4	28.3	27.9	28.5
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CONTAMINATION

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



WEAR METALS

Iron	ppm	24	27	19	19
Copper	ppm	8	8	7	6
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	2	3	4
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	2	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	68	77	70	69
Magnesium	ppm	<1	0	1	0
Zinc	ppm	14	11	0	0
Phosphorus	ppm	197	210	236	187
Barium	ppm	0	<1	10	0
Boron	ppm	70	93	82	88

Diagnosis

The fluid change at the time of sampling has been noted. We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: CITMILCON
Unique No: 11099928
Signed: Don Baldrige
Report Date: 28 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

