



CONSTRUCTION EQUIPMENT

VOLVO L90H 5624326 - TRANSMISSION (AUTO)



Sample No: VCP454628
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454628	VCP437213	VCP416433	VCP407662
Sample Date	14 Jul 2024	21 Mar 2024	08 Sep 2023	24 May 2023
Machine Hours	9186	0	7531	7068
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Not Changd	N/A
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	29.2	30.3	28.6	29.0
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	3	2
Sodium	ppm	0	2	4	0
Potassium	ppm	1	0	2	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	6	9	4	5
Copper	ppm	150	118	2	3
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	3	0	1	0
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	3	7	<1	1
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	257	597	104	301
Magnesium	ppm	203	<1	4	4
Zinc	ppm	286	222	18	105
Phosphorus	ppm	433	347	209	251
Barium	ppm	<1	0	0	0
Boron	ppm	81	78	86	94

Depot: CITMILCON
Unique No: 11124126
Signed: Sean Felton
Report Date: 15 Jul 2024



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VOLVO GRAPHS

