



CONSTRUCTION EQUIPMENT

VOLVO L90H 624038 - TRANSMISSION (AUTO)



Sample No: VCP443582
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP443582	VCP395717	VCP388712	VCP310940
Sample Date	05 Jun 2024	27 Feb 2023	12 Sep 2022	26 Mar 2021
Machine Hours	8718	6648	6134	3548
Oil Hours	0	2648	500	3548
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619
 Contact: PM Services
 PMServices@ripaconstruction.com
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	25.8	26.0	25.9	26.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	5	0
Sodium	ppm	6	3	3	2
Potassium	ppm	5	<1	<1	<1

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	42	39	36	30
Copper	ppm	9	5	5	3
Lead	ppm	4	0	0	0
Tin	ppm	2	0	0	0
Aluminum	ppm	3	3	4	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	2	0	<1	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	3	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	74	99	95	99
Magnesium	ppm	3	2	2	2
Zinc	ppm	17	15	26	19
Phosphorus	ppm	123	155	147	162
Barium	ppm	0	0	0	0
Boron	ppm	44	52	54	69

Depot: RIPTAM
Unique No: 11074437
Signed: Don Baldrige
Report Date: 13 Jun 2024



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VOLVO GRAPHS

