



CONSTRUCTION EQUIPMENT

VOLVO L90H 624818 - TRANSMISSION (AUTO)



Sample No: VCP429232
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP429232	VCP411631	VCP357458	VCP313201
Sample Date	04 Oct 2023	05 Jun 2023	07 Apr 2022	14 Oct 2021
Machine Hours	3548	3023	2493	2055
Oil Hours	0	0	2493	1500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: ROBERT TURNER
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T:
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OIL CONDITION

Visc @ 40°C	cSt	26.0	29.5	26.1	26.4
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CONTAMINATION

Silicon	ppm	13	12	11	12
Sodium	ppm	6	5	5	<1
Potassium	ppm	2	0	<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	147	137	135	127
Copper	ppm	11	8	11	11
Lead	ppm	0	0	<1	<1
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	2	2	2
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	<1
Manganese	ppm	11	10	10	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	102	99	111	108
Magnesium	ppm	4	0	3	3
Zinc	ppm	65	56	57	49
Phosphorus	ppm	163	163	158	170
Barium	ppm	4	0	0	2
Boron	ppm	35	38	46	42

Depot: RIPTAM
Unique No: 10724420
Signed: Wes Davis
Report Date: 02 Nov 2023



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VOLVO GRAPHS

