



CONSTRUCTION EQUIPMENT

VOLVO L90H 624818 - TRANSMISSION (AUTO)



Sample No: VCP411631
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP411631	VCP357458	VCP313201	VCP305307
Sample Date	05 Jun 2023	07 Apr 2022	14 Oct 2021	14 Apr 2021
Machine Hours	3023	2493	2055	1494
Oil Hours	0	2493	1500	1494
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIPA AND ASSOCIATES

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



OIL CONDITION

Visc @ 40°C	cSt	29.5	26.1	26.4	26.5
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CONTAMINATION

Silicon	ppm	12	11	12	11
Sodium	ppm	5	5	<1	4
Potassium	ppm	0	<1	<1	2



WEAR METALS

Iron	ppm	137	135	127	110
Copper	ppm	8	11	11	9
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	<1	0	0
Aluminum	ppm	2	2	2	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	10	10	10	10
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	99	111	108	111
Magnesium	ppm	0	3	3	3
Zinc	ppm	56	57	49	45
Phosphorus	ppm	163	158	170	164
Barium	ppm	0	0	2	2
Boron	ppm	38	46	42	46

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.

Depot: RIPTAM
Unique No: 10552372
Signed: Wes Davis
Report Date: 13 Jul 2023



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GRAPHS

