



CONSTRUCTION EQUIPMENT

VOLVO L90H 6248 18 - TRANSMISSION (AUTO)



Sample No: VCP451179
Oil Type: VOLVO AT 102
Job No:



SAMPLE INFORMATION

Sample Number	VCP451179	VCP452249	VCP429232	VCP411631
Sample Date	01 Jul 2024	30 Jan 2024	04 Oct 2023	05 Jun 2023
Machine Hours	4539	4037	3548	3023
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	Not Changd
Sample Status	ABNORMAL	ABNORMAL	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	25.0	25.9	26.0	29.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	15	14	13	12
Sodium	ppm	6	0	6	5
Potassium	ppm	4	3	2	0

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	176	168	147	137
Copper	ppm	14	14	11	8
Lead	ppm	<1	0	0	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	2	2	1	2
Chromium	ppm	1	<1	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	12	12	11	10
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	105	104	102	99
Magnesium	ppm	3	3	4	0
Zinc	ppm	69	48	65	56
Phosphorus	ppm	145	159	163	163
Barium	ppm	2	8	4	0
Boron	ppm	44	38	35	38

Depot: RIPTAM
Unique No: 11114153
Signed: Jonathan Hester
Report Date: 10 Jul 2024



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VOLVO GRAPHS

