



CONSTRUCTION EQUIPMENT

GILBERT BLOCK VOLVO L90H 624683 - TRANSMISSION (AUTO)



Sample No: VCE73174
Oil Type: VOLVO AT 102
Job No: GILBERT BLOCK



SAMPLE INFORMATION

Sample Number	VCE73174	VCE00001	VC450390	---
Sample Date	20 Feb 2024	22 Jan 2024	31 Aug 2023	---
Machine Hours	7454	7372	7195	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

CHADWICK-BAROSS INC
 ROUTE106 237 SHEEP DAVIS ROAD
 CONCORD, NH
 US 03301
 Contact: DOMINIC RUGGIERO
 ruggiero@chadwick-baross.com
 T:
 F: (603)224-3001



OIL CONDITION

Visc @ 40°C	cSt	28.9	31.9	25.9	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	19	18	17	---
Sodium	ppm	7	7	12	---
Potassium	ppm	19	20	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 fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	17	12	178	---
Copper	ppm	5	4	20	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	4	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	6	0	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	<1	0	0	---
Manganese	ppm	5	5	12	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	117	69	133	---
Magnesium	ppm	0	2	0	---
Zinc	ppm	14	2	48	---
Phosphorus	ppm	184	179	174	---
Barium	ppm	0	<1	0	---
Boron	ppm	73	92	43	---

Depot: VOLVO0049
Unique No: 10890164
Signed: Don Baldrige
Report Date: 24 Feb 2024



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GRAPHS

