



CONSTRUCTION EQUIPMENT

SWA445190 LEHIGH CEM VOLVO L70H 623719 - TRANSMISSION (AUTO)



Sample No: VCP449121
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA445190 LEHIGH CEM



SAMPLE INFORMATION

Sample Number	VCP449121	VCP363780	VCP367499	---
Sample Date	03 Jan 2024	06 Dec 2022	16 Nov 2022	---
Machine Hours	3502	2788	2741	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Changed	Not Changd	---
Sample Status	SEVERE	SEVERE	SEVERE	---

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

Contact: N. FACEY
 nfacey@altaequipfl.com
 T: (954)581-4744
 F: (954)583-0318



OIL CONDITION

Visc @ 40°C	cSt	27.3	27.2	27.5	---
-------------	-----	-------------	------	------	-----



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	12	10	11	---
Sodium	ppm	8	7	5	---
Potassium	ppm	3	1	3	---



WEAR METALS

Iron	ppm	397	272	309	---
Copper	ppm	10	9	9	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	2	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	11	9	10	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	89	104	117	---
Magnesium	ppm	1	2	2	---
Zinc	ppm	100	102	110	---
Phosphorus	ppm	199	194	194	---
Barium	ppm	6	1	0	---
Boron	ppm	31	35	36	---

Diagnosis

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. The iron level is severe. All other 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: VOLVO0095
Unique No: 10829891
Signed: Don Baldrige
Report Date: 14 Jan 2024



CONSTRUCTION EQUIPMENT



GRAPHS

