



CONSTRUCTION EQUIPMENT

VOLVO L90H 625538 - TRANSMISSION



Sample No: VCP433182
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP433182	---	---	---
Sample Date	10 Jan 2024	---	---	---
Machine Hours	5139	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ALTA EQUIPMENT COMPANY

5210 REESE ROAD
 DAVIE, FL
 US 33314

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OIL CONDITION

Visc @ 40°C	cSt	█ 26.1	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The iron level is severe. 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	● 284	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 12	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 79	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 57	---	---	---
Phosphorus	ppm	█ 189	---	---	---
Barium	ppm	█ 8	---	---	---
Boron	ppm	31	---	---	---

Depot: VOLVO0095
Unique No: 10842686
Signed: Don Baldrige
Report Date: 23 Jan 2024



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GRAPHS

