



CONSTRUCTION EQUIPMENT

587695 VOLVO L70H 623953 - TRANSMISSION (AUTO)



Sample No: VCP439950
Oil Type: VOLVO AT 102
Job No: 587695



SAMPLE INFORMATION

Sample Number	VCP439950	VCP357846	---	---
Sample Date	18 Jun 2024	27 Apr 2022	---	---
Machine Hours	7398	2062	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 26.3	█ 26.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 13	█ 18	---	---
Sodium	ppm	█ 7	█ 6	---	---
Potassium	ppm	█ 2	█ 3	---	---



WEAR METALS

Iron	ppm	▲ 170	▲ 191	---	---
Copper	ppm	█ 13	█ 15	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 5	█ 4	---	---
Chromium	ppm	█ <1	█ 1	---	---
Molybdenum	ppm	█ 0	<1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 10	13	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	█ 114	90	---	---
Magnesium	ppm	█ 4	4	---	---
Zinc	ppm	█ 45	60	---	---
Phosphorus	ppm	█ 248	170	---	---
Barium	ppm	█ <1	0	---	---
Boron	ppm	█ 63	42	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. 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: GREDAVFL
Unique No: 11099929
Signed: Don Baldrige
Report Date: 28 Jun 2024

VOLVO **GRAPHS**

