



CONSTRUCTION EQUIPMENT

568169 ATLAS VOLVO L70H 623753 - TRANSMISSION (AUTO)



Sample No: VCP417833
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 568169 ATLAS



ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP417833	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	6718	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 26.6	---	---	---
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CONTAMINATION

Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 4	---	---	---



WEAR METALS

Iron	ppm	● 677	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 14	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 218	---	---	---
Magnesium	ppm	■ 4	---	---	---
Zinc	ppm	■ 136	---	---	---
Phosphorus	ppm	■ 230	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 29	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. 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. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0096
Unique No: 10546447
Signed: Don Baldrige
Report Date: 07 Jul 2023



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GRAPHS

