



CONSTRUCTION EQUIPMENT

606731 ATLAS ORG VOLVO L70H 623753 - TRANSMISSION (AUTO)



Sample No: VCP418337
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 606731 ATLAS ORG



SAMPLE INFORMATION

Sample Number	VCP418337	VCP417833	---	---
Sample Date	12 Sep 2023	29 Jun 2023	---	---
Machine Hours	7300	6718	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changed	Changed	---	---
Sample Status	SEVERE	SEVERE	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.6	26.6	---	---
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CONTAMINATION

Silicon	ppm	9	17	---	---
Sodium	ppm	8	11	---	---
Potassium	ppm	2	4	---	---



WEAR METALS

Iron	ppm	335	677	---	---
Copper	ppm	9	15	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	7	8	---	---
Chromium	ppm	<1	2	---	---
Molybdenum	ppm	<1	1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	14	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	145	218	---	---
Magnesium	ppm	0	4	---	---
Zinc	ppm	31	136	---	---
Phosphorus	ppm	219	230	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	53	29	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend that you drain the fluid from the component if this has not already been done. 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: 10655648
Signed: Sean Felton
Report Date: 20 Sep 2023



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GRAPHS

