



CONSTRUCTION EQUIPMENT

327746 MOSAIC VOLVO L70H 624427 - TRANSMISSION (AUTO)



Sample No: VCP424504
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 327746 MOSAIC



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
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SAMPLE INFORMATION

Sample Number	VCP424504	---	---	---
Sample Date	31 Aug 2023	---	---	---
Machine Hours	4506	---	---	---
Oil Hours	40	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	■ 29.5	---	---	---
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CONTAMINATION

Water	%	▲ 0.109	---	---	---
Silicon	ppm	▲ 21	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 29	---	---	---



WEAR METALS

Iron	ppm	● 2305	---	---	---
Copper	ppm	■ 7	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 15	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 73	---	---	---
Magnesium	ppm	■ 7	---	---	---
Zinc	ppm	■ 79	---	---	---
Phosphorus	ppm	■ 204	---	---	---
Barium	ppm	■ 7	---	---	---
Boron	ppm	■ 51	---	---	---

Diagnosis

The fluid 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. Gear wear is indicated. Elemental level of silicon (Si) above normal indicating ingress of seal material. There is a light concentration of water present in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VOLVO0093
Unique No: 10635954
Signed: Jonathan Hester
Report Date: 12 Sep 2023



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GRAPHS

