



CONSTRUCTION EQUIPMENT

TOWN OF OAKVILLE 8000387803 VOLVO L90H L90H15728 - TRANSMISSION



Sample No: VCP392128
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 8000387803



SAMPLE INFORMATION

Sample Number	VCP392128	---	---	---
Sample Date	14 Dec 2023	---	---	---
Machine Hours	2223	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

STRONGCO EQUIPMENT INC.

1640 ENTERPRISE ROAD
 MISSISSAUGA, ON
 CA L4W 4L4

Contact: Janice Cripps
 jcripps@strongco.com
 T: (905)565-3876
 F: (905)670-2338



OIL CONDITION

Visc @ 40°C	cSt	█ 28.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ <1	---	---	---



WEAR METALS

PQ		█ 2	---	---	---
Iron	ppm	▲ 191	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 138	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 62	---	---	---
Phosphorus	ppm	█ 207	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 61	---	---	---

Diagnosis

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. 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: SHEMIS
Unique No: 5696624
Signed: Kevin Marson
Report Date: 18 Dec 2023



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GRAPHS

