



CONSTRUCTION EQUIPMENT

8000395483 VOLVO L120H 632718 - TRANSMISSION (AUTO)



Sample No: VCP394564
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 8000395483



SAMPLE INFORMATION

Sample Number	VCP394564	VCP391969	VCP332700	---
Sample Date	23 Feb 2024	24 Apr 2023	31 Aug 2022	---
Machine Hours	13026	8229	4837	---
Oil Hours	0	0	3800	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	ATTENTION	NORMAL	NORMAL	---

STRONGCO EQUIP (AB)
 6 - 38403 BURNT LAKE TRAIL
 RED DEER COUNTY, AB
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OIL CONDITION

Visc @ 40°C	cSt	33.3	26.3	26.3	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	4	8	---
Sodium	ppm	1	2	5	---
Potassium	ppm	2	0	2	---



WEAR METALS

Iron	ppm	38	33	68	---
Copper	ppm	84	6	10	---
Lead	ppm	2	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	6	3	4	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	8	<1	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	5	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	▲ 404	127	121	---
Magnesium	ppm	▲ 103	2	5	---
Zinc	ppm	▲ 216	23	36	---
Phosphorus	ppm	344	182	168	---
Barium	ppm	0	<1	4	---
Boron	ppm	73	64	51	---

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Additive levels indicate the addition of a different brand, or type of fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO9652
Unique No: 5735542
Signed: Kevin Marson
Report Date: 28 Feb 2024



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GRAPHS

