



# CONSTRUCTION EQUIPMENT

ASCENDUM MACHINERY 19890 VOLVO L120H RL83 (S/N 633323) - TRANSMISSION (AUTO)



**Sample No:** VCP443108  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 19890



## SAMPLE INFORMATION

Sample Number	VCP443108	VCP412004	---	---
Sample Date	14 Oct 2023	23 Jul 2023	---	---
Machine Hours	2347	1560	---	---
Oil Hours	0	1560	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

### HILCO TRANSPORT

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GREENSBORO, NC  
US 27409  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 28.0	█ 28.6	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 12	█ 12	---	---
Sodium	ppm	█ 4	█ 3	---	---
Potassium	ppm	█ 2	█ 2	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 33	█ 32	---	---
Copper	ppm	█ 4	█ 4	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ 2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ 4	█ 4	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	█ 79	█ 84	---	---
Magnesium	ppm	█ 4	█ 4	---	---
Zinc	ppm	█ <1	█ 23	---	---
Phosphorus	ppm	█ 198	█ 205	---	---
Barium	ppm	█ 3	█ 4	---	---
Boron	ppm	█ 75	█ 81	---	---

**Depot:** HILGREVC  
**Unique No:** 10756063  
**Signed:** Sean Felton  
**Report Date:** 28 Nov 2023



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## GRAPHS

