



# CONSTRUCTION EQUIPMENT

## 382544 VOLVO L220E 3395 - TRANSMISSION (AUTO)



**Sample No:** VCP394703  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 382544



### SAMPLE INFORMATION

Sample Number	VCP394703	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	19821	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**STRONGCO EQUIP (AB)**  
 6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Joseph St Peter  
 jstpeter@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487

### OIL CONDITION

Visc @ 40°C	cSt	█ 26.9	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

### WEAR METALS

Iron	ppm	█ 66	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 31	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 17	---	---	---
Phosphorus	ppm	█ 187	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 60	---	---	---

**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:** 5668884  
**Signed:** Wes Davis  
**Report Date:** 25 Oct 2023



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## GRAPHS

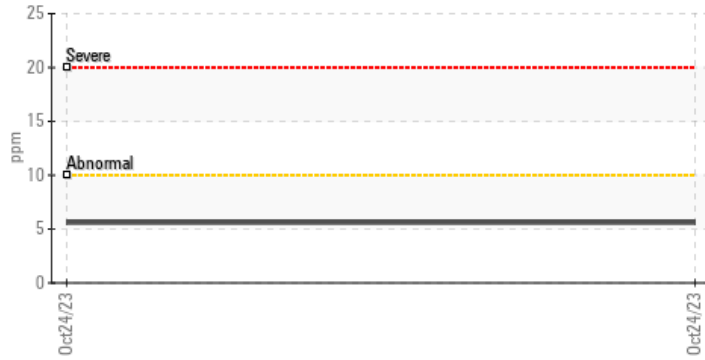
### Iron (ppm)



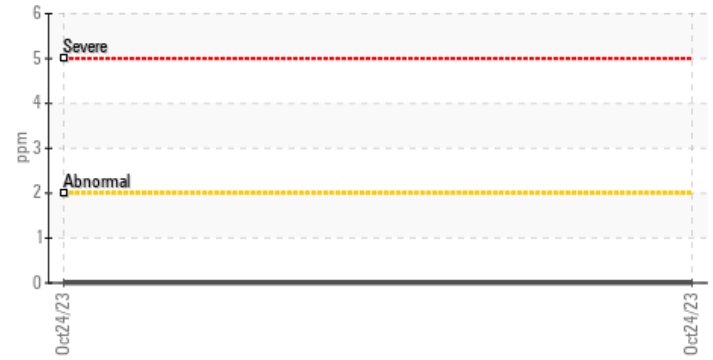
### Lead (ppm)



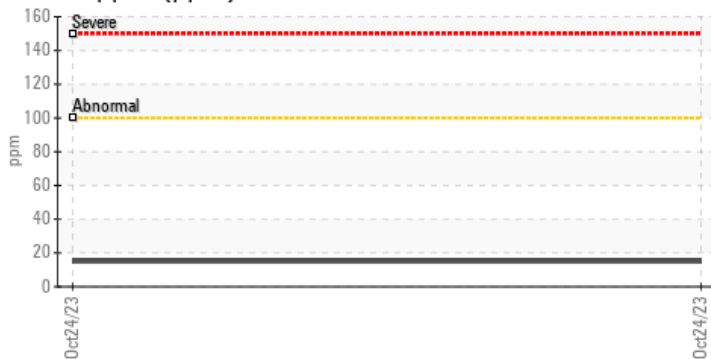
### Aluminum (ppm)



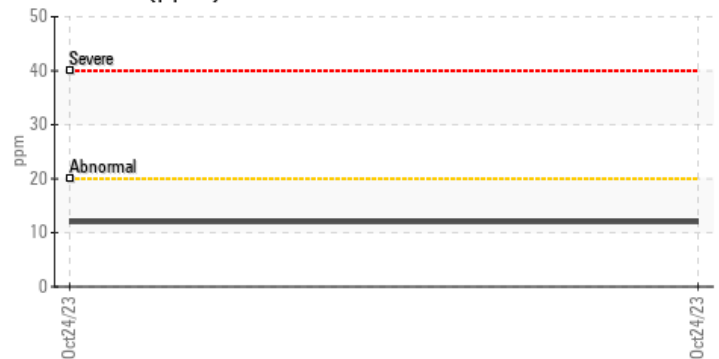
### Chromium (ppm)



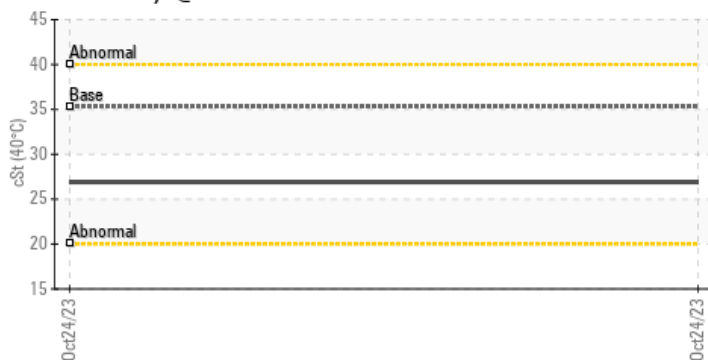
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

