



# CONSTRUCTION EQUIPMENT

## GORMAN BROS VOLVO L350H 1180 - TRANSMISSION (AUTO)



**Sample No:** VCP380045  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP380045	---	---	---
Sample Date	02 Dec 2023	---	---	---
Machine Hours	1180	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO EQUIP (AB)

6 - 38403 BURNT LAKE TRAIL  
 RED DEER COUNTY, AB  
 CA T4S 2L4  
 Contact: Perry Doyle  
 pdoyle@strongco.com  
 T: (403)346-3473  
 F: (403)346-3487



### OIL CONDITION

Visc @ 40°C	cSt	▲ 96.6	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ <1	---	---	---



### WEAR METALS

Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	▲ 3166	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	▲ 1249	---	---	---
Phosphorus	ppm	▲ 1032	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	▲ 2	---	---	---

### 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. Viscosity of sample indicates oil is within SAE 40 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO9652  
**Unique No:** 5695975  
**Signed:** Kevin Marson  
**Report Date:** 14 Dec 2023



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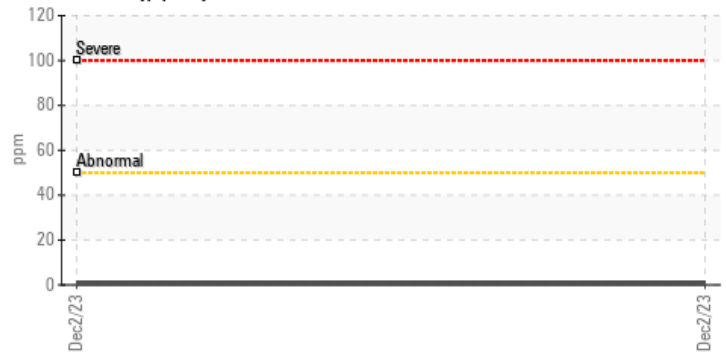


## GRAPHS

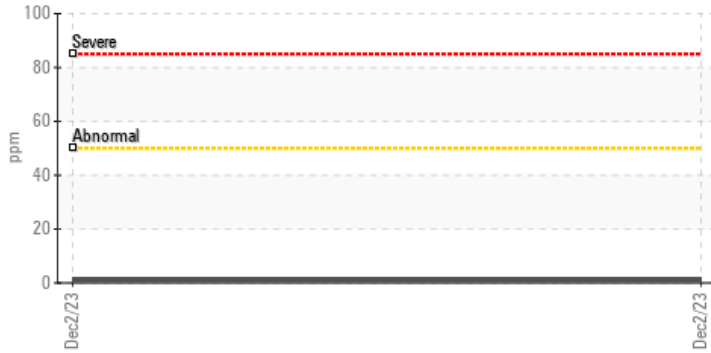
### Iron (ppm)



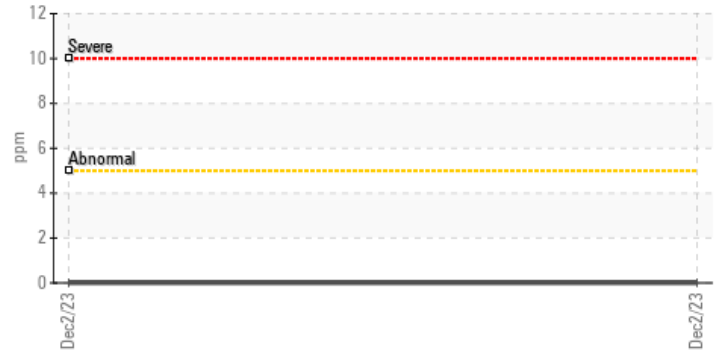
### Lead (ppm)



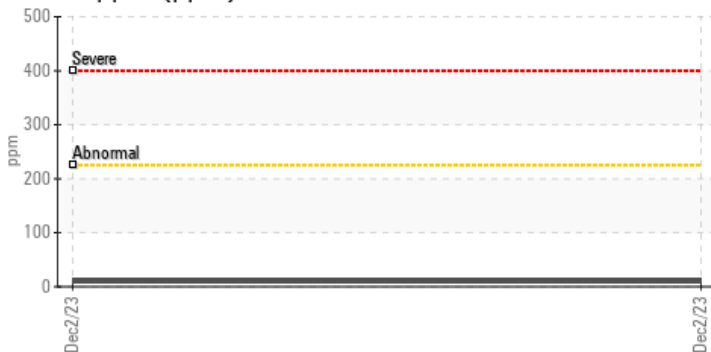
### Aluminum (ppm)



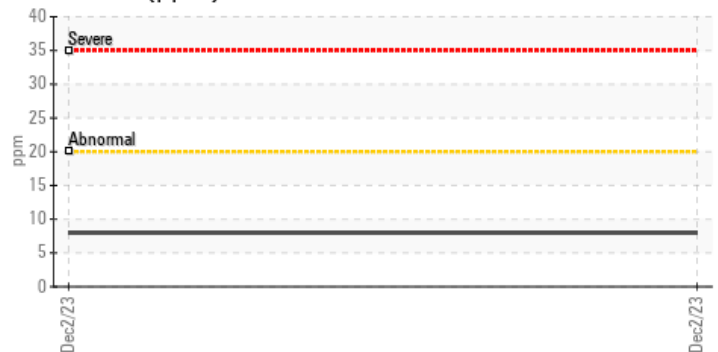
### Chromium (ppm)



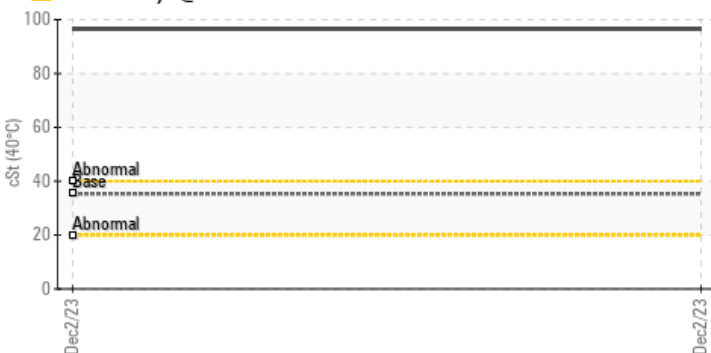
### Copper (ppm)



### Silicon (ppm)



### ▲ Viscosity @ 40°C



### ▲ Additives

