



# CONSTRUCTION EQUIPMENT

## 5307 - TRANSMISSION (AUTO)



**Sample No:** VCP392495  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP392495	VCP298114	---	---
Sample Date	02 Apr 2024	28 Aug 2021	---	---
Machine Hours	13796	10039	---	---
Oil Hours	1000	4000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

**GREAT WEST EQUIPMENT**  
 1600 KOSMINA ROAD, 123 L&A CROSS RD  
 VERNON, BC  
 CA V1T 8T2  
 Contact: Sarah Lawrence  
 slawrence@gwequipment.com  
 T: (866)627-2357  
 F: (250)549-3397



### OIL CONDITION

Visc @ 40°C	cSt	█ 27.7	█ 26.3	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ <1	█ 1	---	---



### WEAR METALS

PQ		---	█ 5	---	---
Iron	ppm	█ 112	▲ 242	---	---
Copper	ppm	█ 7	█ 8	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ 1	█ <1	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ 1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ 1	---	---
Vanadium	ppm	0	0	---	---



### ADDITIVES

Calcium	ppm	76	█ 96	---	---
Magnesium	ppm	█ 2	█ 10	---	---
Zinc	ppm	12	█ 35	---	---
Phosphorus	ppm	█ 184	█ 204	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 78	█ 80	---	---

### 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:** MARVER  
**Unique No:** 5763793  
**Signed:** Wes Davis  
**Report Date:** 23 Apr 2024

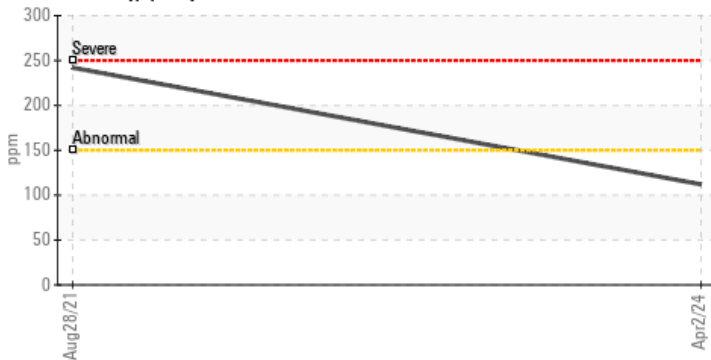


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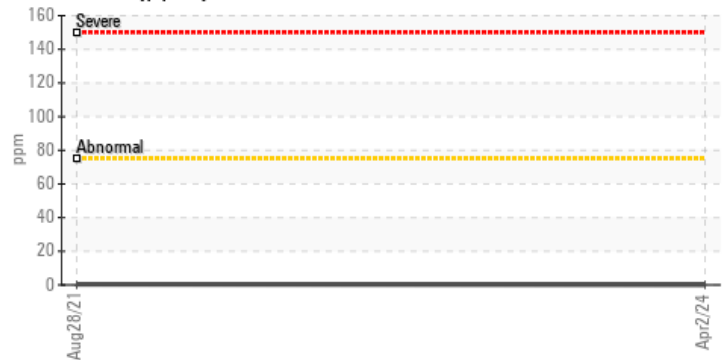


## GRAPHS

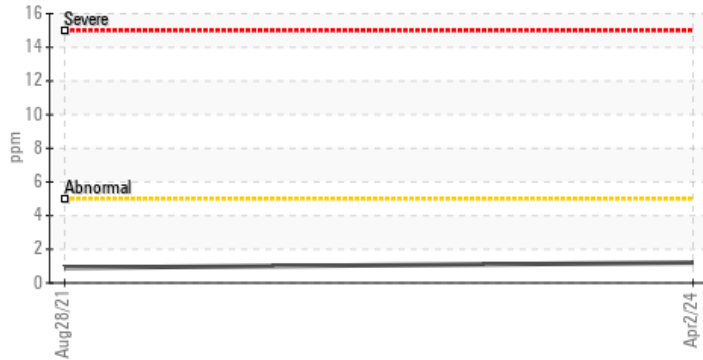
### Iron (ppm)



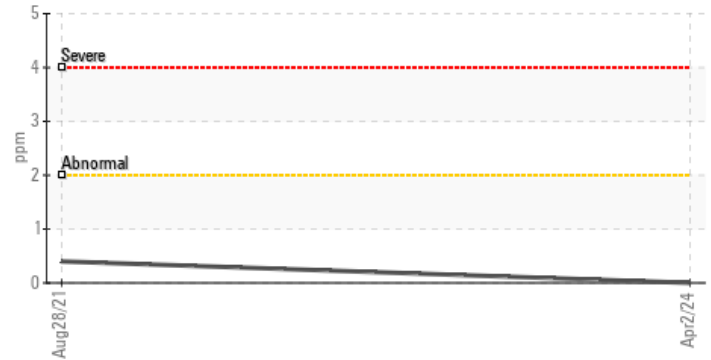
### Lead (ppm)



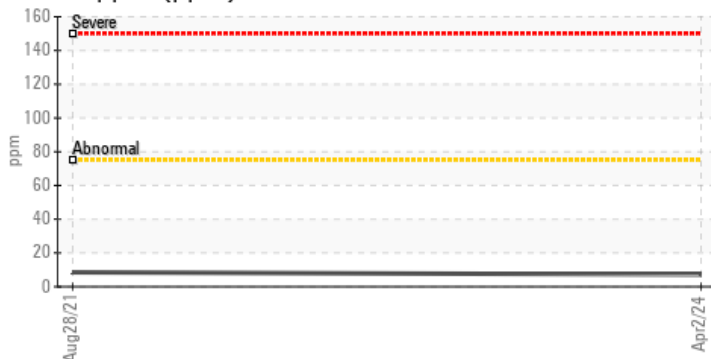
### Aluminum (ppm)



### Chromium (ppm)



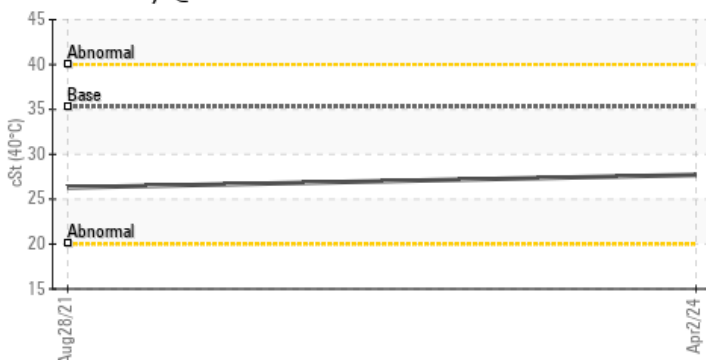
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

