



# CONSTRUCTION EQUIPMENT

305453 VOLVO EC380E 311590 - COOLANT



**Sample No:** VCP273118  
**Oil Type:** VOLVO COOLANT VCS (YELLOW)  
**Job No:** 305453



## SAMPLE INFORMATION

Sample Number	VCP273118	---	---	---
Sample Date	12 Nov 2021	---	---	---
Machine Hours	3312	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT-EDMONTON

25616 117 Ave NW  
 Acheson, AB  
 CA T7X 6C2

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## COOLANT CONDITION

Boron	ppm	184	---	---	---
Phosphorus	ppm	10	---	---	---
Sodium	ppm	2319	---	---	---
Potassium	ppm	355	---	---	---
Silicon	ppm	17	---	---	---
pH	Scale 0-14	7.33	---	---	---
Reserve Alkalinity	Scale 0-20	3.6	---	---	---
Molybdenum	ppm	118	---	---	---
Nitrites	ppm	240	---	---	---
Percentage Glycol	%	50.0	---	---	---
Freezing Point	°C	-37	---	---	---

### Diagnosis

The fluid is suitable for further service. Resample at the next service interval to monitor. All metal levels are normal indicating no corrosion in the cooling system. There is no indication of any contamination in the coolant. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.



## CONTAMINATION

Magnesium	ppm	4	---	---	---
Calcium	ppm	7	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Orange	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



## CORROSION

Iron	ppm	<1	---	---	---
Aluminum	ppm	4	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---

**Depot:** VOLVO3908  
**Unique No:** 5331711  
**Signed:** Kevin Marson  
**Report Date:** 29 Dec 2021

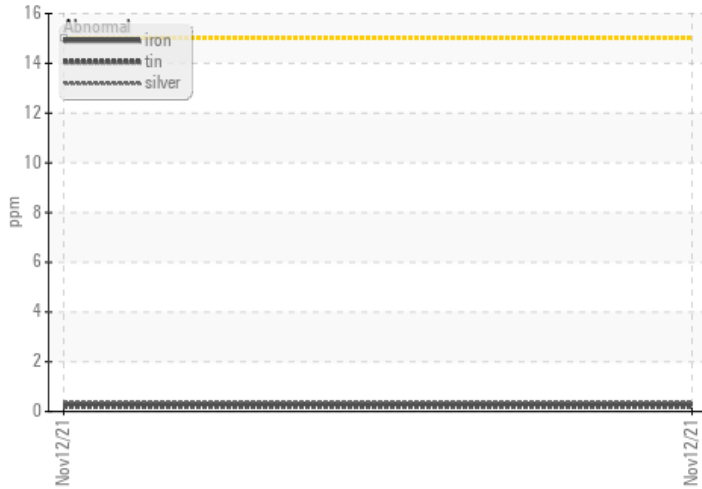


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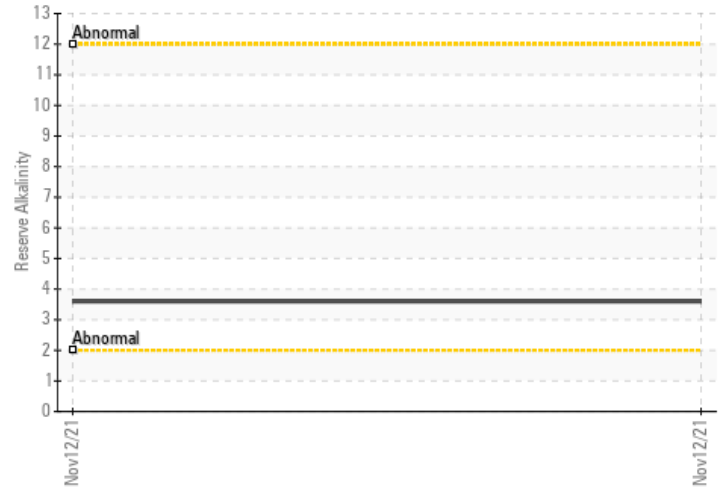


## GRAPHS

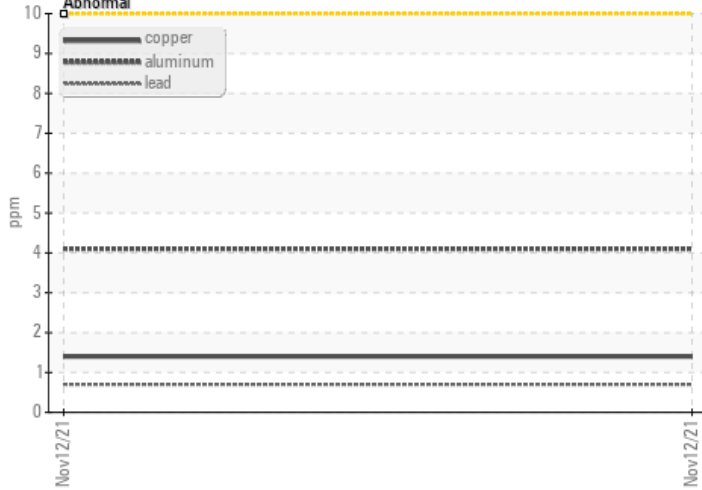
### Iron/Tin/Silver



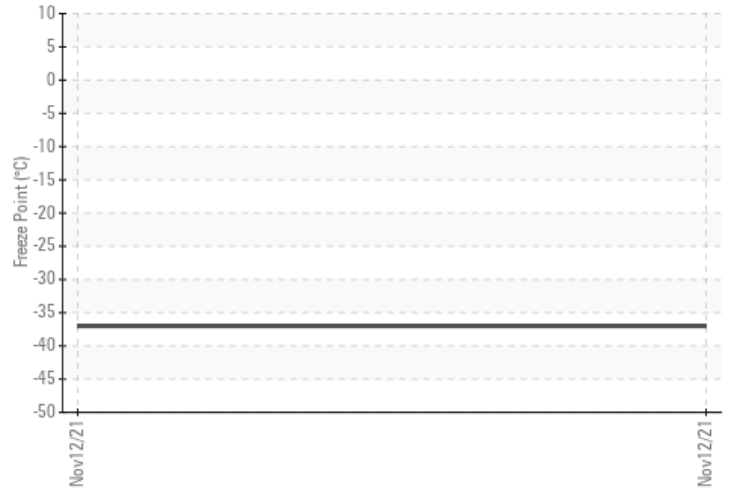
### Reserve Alkalinity



### Copper/Aluminum/Lead



### Freeze Point



### pH



### Nitrites

