



# CONSTRUCTION EQUIPMENT

SWA357377 WM HODGKIN VOLVO EC250EL 310691 - COOLANT



**Sample No:** VCP436077  
**Oil Type:** VOLVO COOLANT VCS (YELLOW)  
**Job No:** SWA357377 WM HODGKIN



## SAMPLE INFORMATION

Sample Number	<b>VCP436077</b>	VCP370309	---	---
Sample Date	<b>23 Sep 2023</b>	22 Sep 2023	---	---
Machine Hours	<b>12973</b>	12973	---	---
Sample Status	<b>ABNORMAL</b>	SEVERE	---	---

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## COOLANT CONDITION

pH	Scale 0-14	<b>8.44</b>	▲ 10.8	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	<b>0</b>	■ 0	---	---
Percentage Glycol	%	▲ <b>36.7</b>	▲ 19.6	---	---
Freezing Point	°C	■ <b>-5</b>	■ 17	---	---

## Diagnosis

We recommend drain system, and refill with 50/50 antifreeze water mixture. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is lower than acceptable. The pH level of this fluid is within the acceptable limits.



## CONTAMINATION

Coolant Appearance	<b>normal</b>	■ sediment	---	---
Coolant Color	<b>Yllow</b>	Brown	---	---

**Depot:** VOLVO8885  
**Unique No:** 10662126  
**Signed:** Doug Bogart  
**Report Date:** 28 Sep 2023

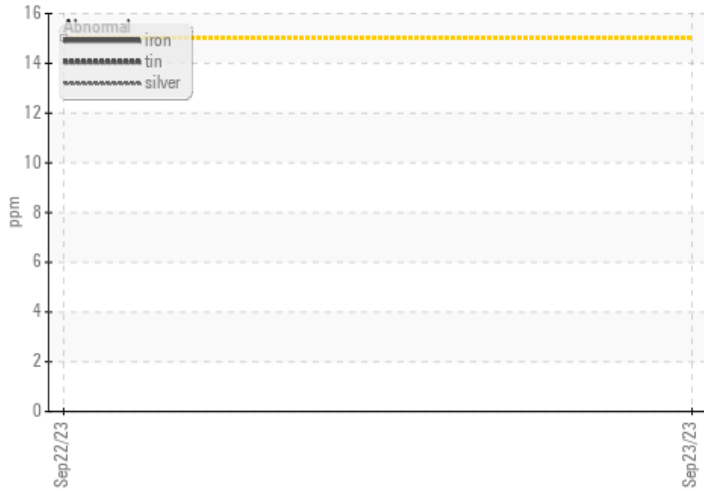


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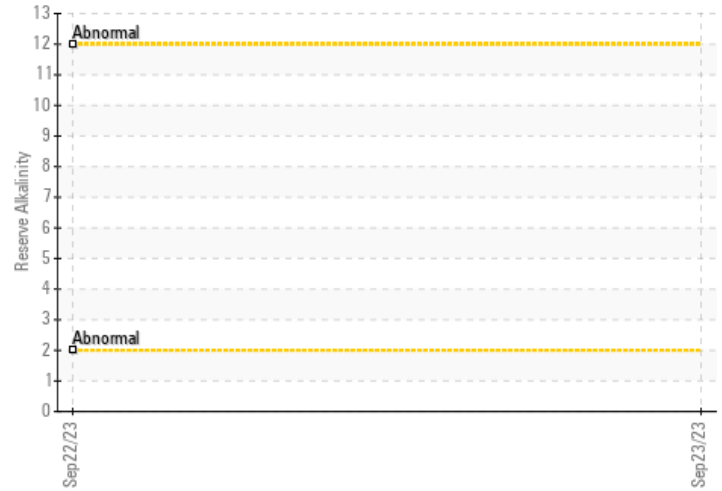


## GRAPHS

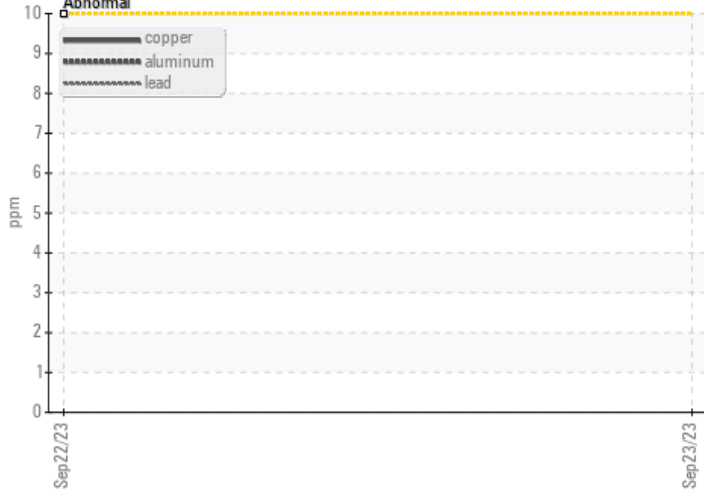
### Iron/Tin/Silver



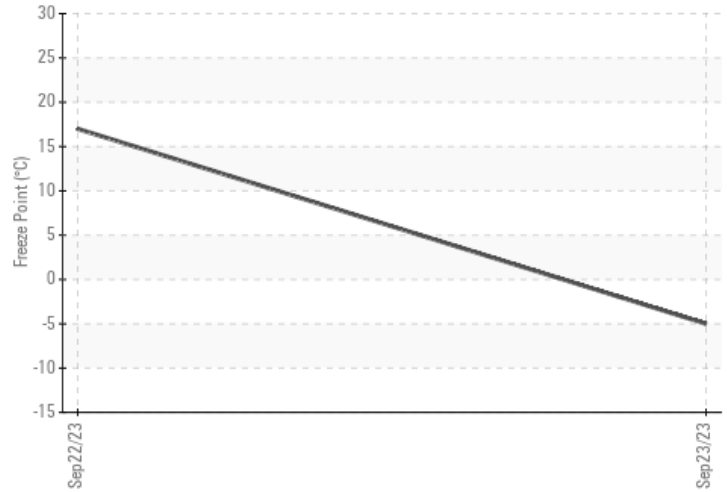
### Reserve Alkalinity



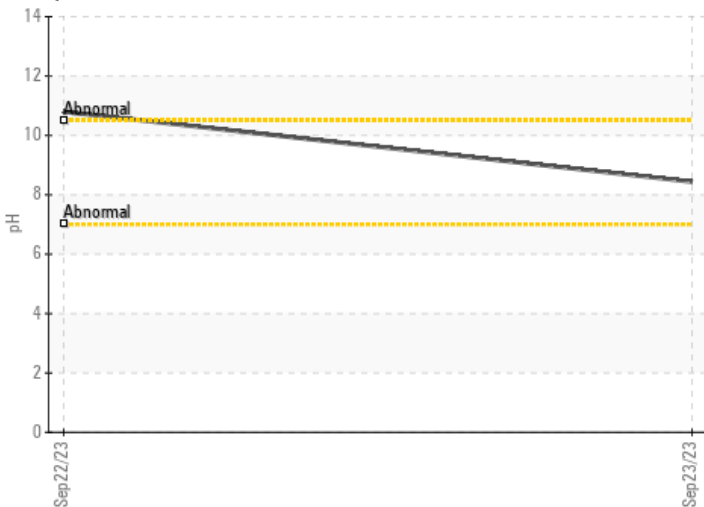
### Copper/Aluminum/Lead



### Freeze Point



### pH



### Nitrites

