



# CONSTRUCTION EQUIPMENT

## 2644-1 VOLVO EC250DL 210030 - COOLANT



**Sample No:** VCP408335  
**Oil Type:** VOLVO COOLANT VCS (YELLOW)  
**Job No:** 2644-1



### SAMPLE INFORMATION

Sample Number	<b>VCP408335</b>	VCP380617	VCP318297	VCP306141
Sample Date	<b>21 Sep 2023</b>	09 Nov 2022	09 Dec 2021	10 Feb 2021
Machine Hours	<b>12928</b>	12040	10972	10082
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	NORMAL

### MCCLUNG LOGAN

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 BRIDGEVILLE, DE  
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### COOLANT CONDITION

pH	Scale 0-14	<b>8.27</b>	8.41	8.21	8.28
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	<b>NT</b>	NT	NT	NT
Percentage Glycol	%	<b>35.7</b>	40.0	37	35
Freezing Point	°C	<b>-3</b>	-13	-10	-7

### 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>	normal	normal	normal
Coolant Color	<b>Yllow</b>	Yllow	Yllow	Yllow

**Depot:** VOLVO1023  
**Unique No:** 10662779  
**Signed:** Doug Bogart  
**Report Date:** 28 Sep 2023

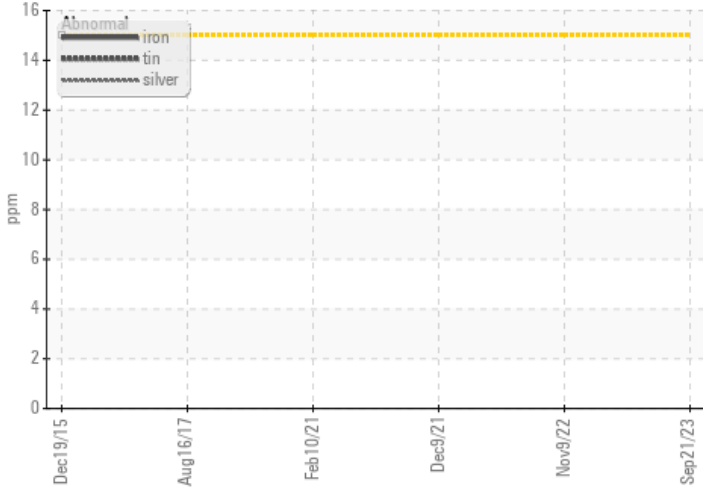


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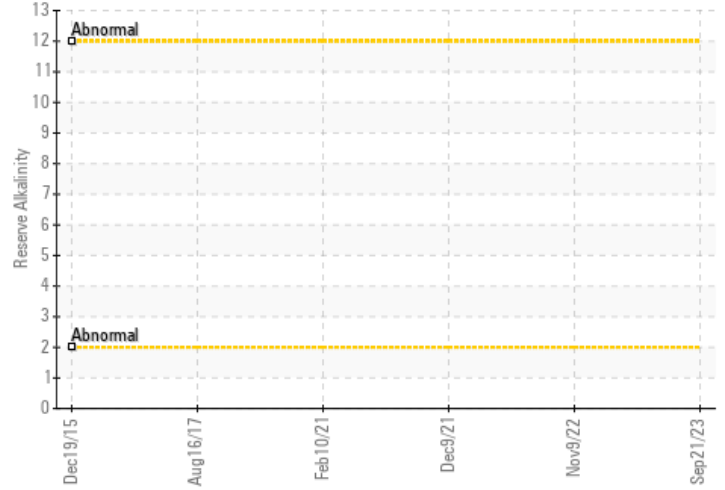


## GRAPHS

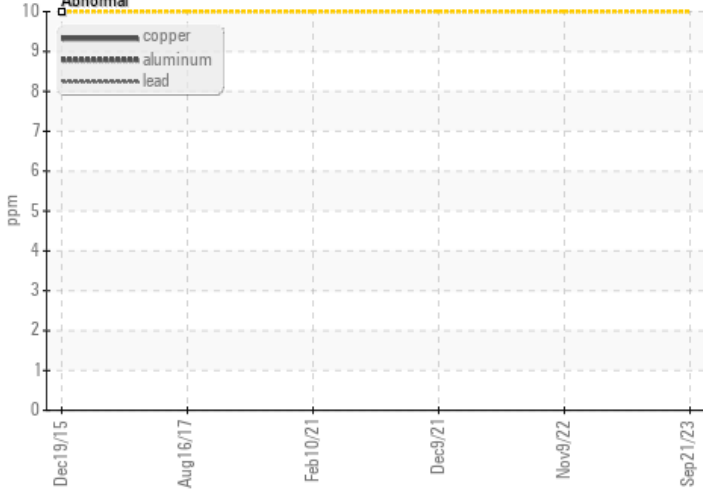
### Iron/Tin/Silver



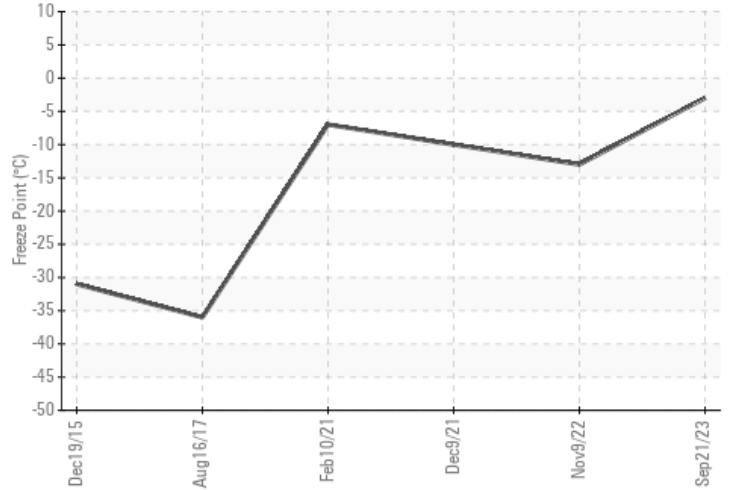
### Reserve Alkalinity



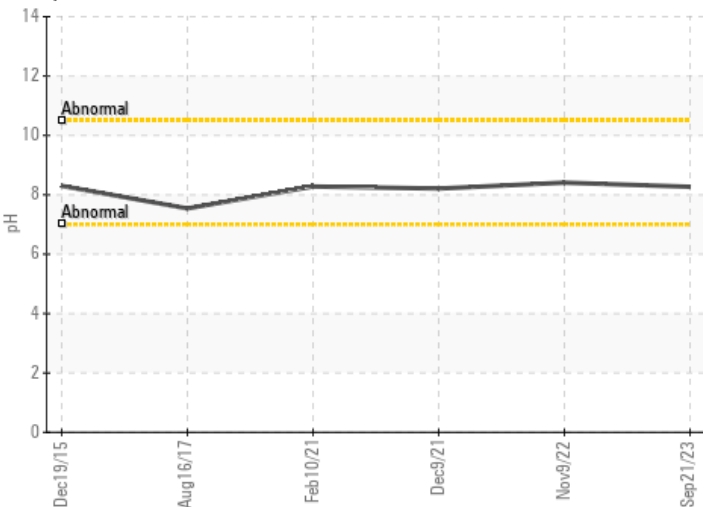
### Copper/Aluminum/Lead



### Freeze Point



### pH



### Nitrites

