



# CONSTRUCTION EQUIPMENT

## CATERPILLAR M-2 - COOLANT



**Sample No:** VCP408919  
**Oil Type:** VOLVO COOLANT (GREEN)  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP408919</b>	VCP390140	VCP340103	VCP366677
Sample Date	<b>25 Oct 2023</b>	07 Mar 2023	05 Jan 2023	07 Nov 2022
Machine Hours	<b>5892</b>	5507	5274	4984
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### COOLANT CONDITION

pH	Scale 0-14	<b>7.78</b>	7.61	7.59	7.93
Reserve Alkalinity	Scale 0-20	---	---	---	---
Nitrites	ppm	<b>NT</b>	NT	NT	NT
Percentage Glycol	%	<b>52.1</b>	51.7	51.5	52.8
Freezing Point	°C	<b>-40</b>	-38	-38	-40

### Diagnosis

No corrective action is recommended at this time. The fluid is suitable for further service. There is no indication of any contamination in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.



### CONTAMINATION

Coolant Appearance	<b>normal</b>	normal	normal	normal
Coolant Color	<b>Red</b>	Red	Red	Yellow

**Depot:** MARDIC  
**Unique No:** 10723586  
**Signed:** Jonathan Hester  
**Report Date:** 03 Nov 2023

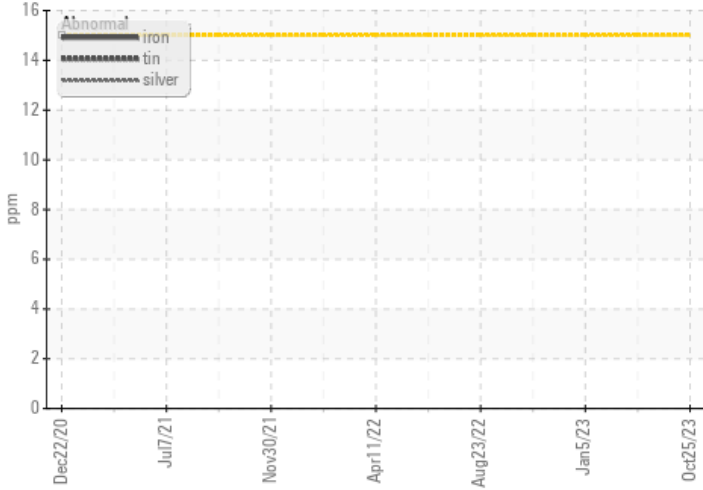


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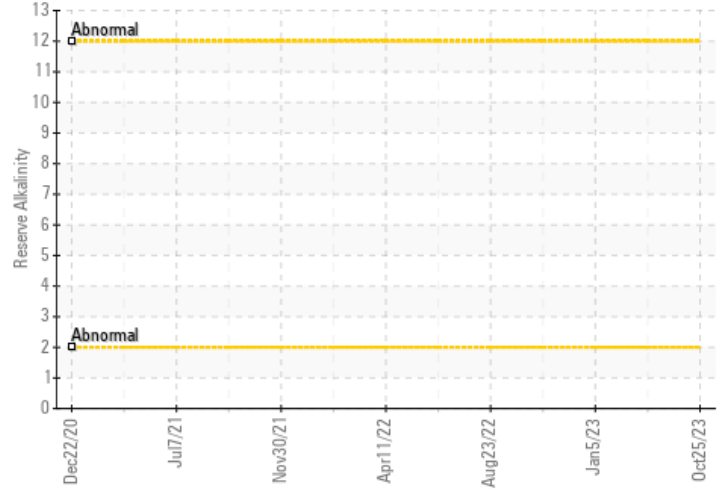


## VOLVO GRAPHS

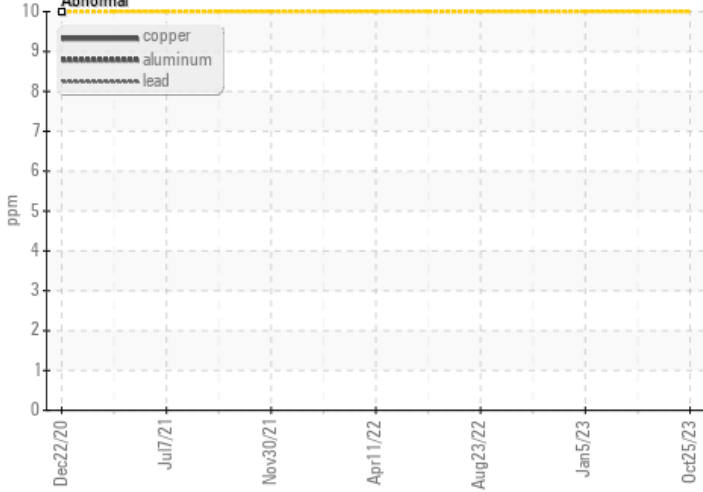
### Iron/Tin/Silver



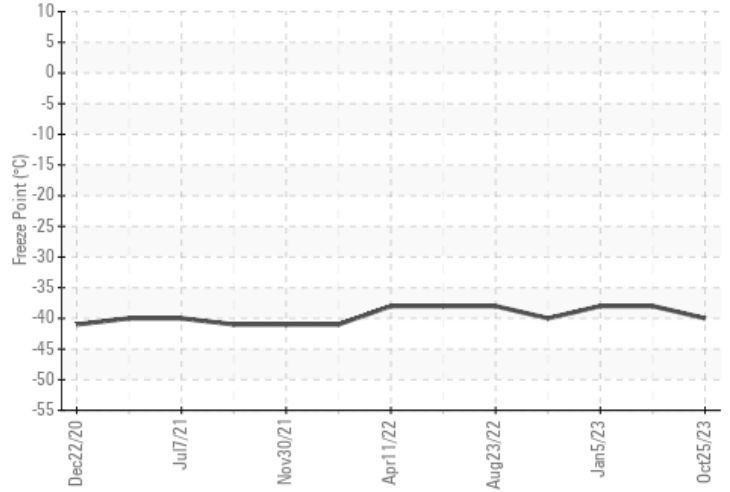
### Reserve Alkalinity



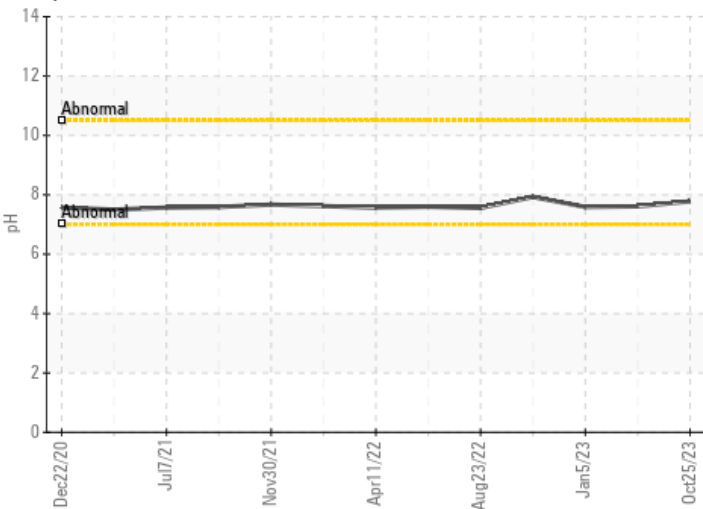
### Copper/Aluminum/Lead



### Freeze Point



### pH



### Nitrites

