



# CONSTRUCTION EQUIPMENT

A12475 VOLVO L120G 30297 - COOLANT



**Sample No:** VCP446457  
**Oil Type:** EXTENDED LIFE COOLANT  
**Job No:** A12475



## SAMPLE INFORMATION

Sample Number	VCP446457	---	---	---
Sample Date	17 Apr 2024	---	---	---
Machine Hours	17040	---	---	---
Sample Status	ABNORMAL	---	---	---

**WASTE MANAGEMENT - TELFORD**  
 400 PROGRESS DR  
 TELFORD, PA  
 US 18969-1191  
 Contact: EDWARD ROGENER  
 erogener@wm.com



## COOLANT CONDITION

Boron	ppm	0	---	---	---
Phosphorus	ppm	0	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---
Silicon	ppm	3	---	---	---
pH	Scale 0-14	6.78	---	---	---
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	0	---	---	---
Nitrites	ppm	NT	---	---	---
Percentage Glycol	%	49.7	---	---	---
Freezing Point	°C	-33	---	---	---

T:  
F:

## Diagnosis

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations. There is a light concentration of oil present in the coolant. Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.



## CONTAMINATION

Magnesium	ppm	0	---	---	---
Calcium	ppm	0	---	---	---
Coolant Appearance		oil	---	---	---
Coolant Color		Red	---	---	---



## CORROSION

Iron	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Copper	ppm	0	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---

**Depot:** WASTEL  
**Unique No:** 10991982  
**Signed:** Jonathan Hester  
**Report Date:** 24 Apr 2024



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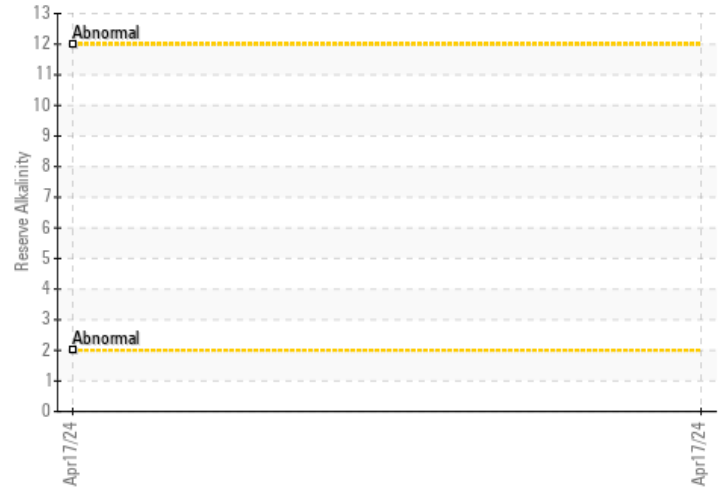


## GRAPHS

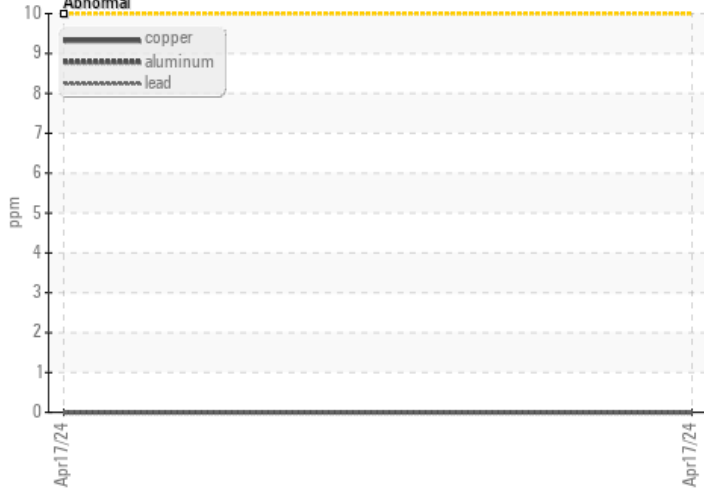
### Iron/Tin/Silver



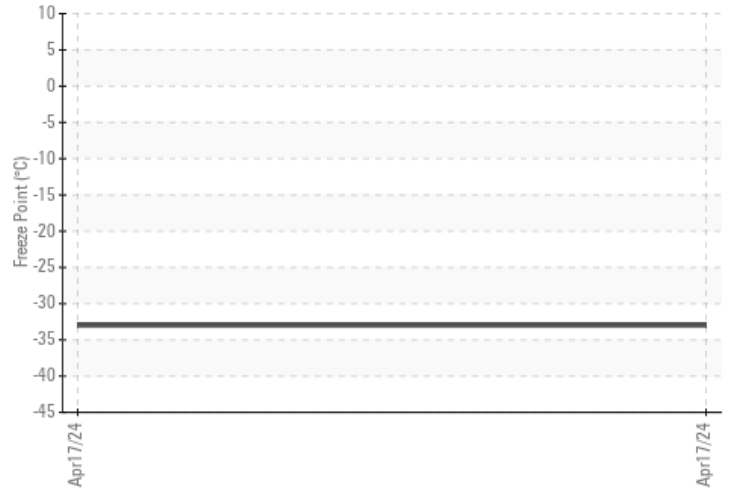
### Reserve Alkalinity



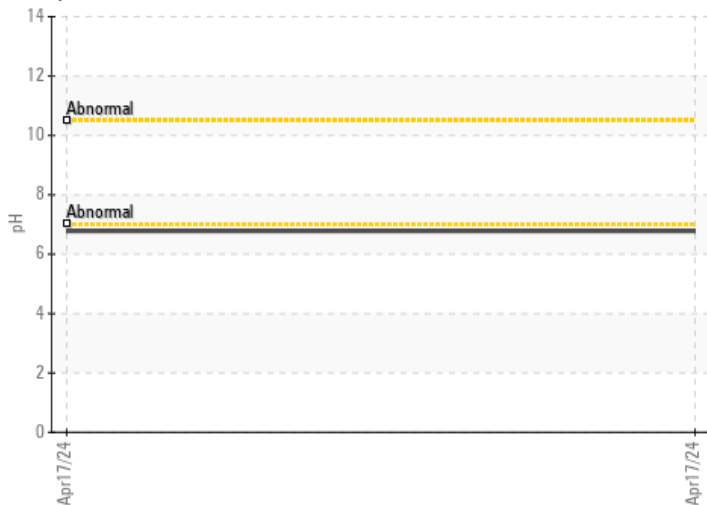
### Copper/Aluminum/Lead



### Freeze Point



### pH



### Nitrites

