



CONSTRUCTION EQUIPMENT

SW122120-20 VOLVO L180H 5307 - COOLANT



Sample No: VCP367740
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No: SW122120-20



SAMPLE INFORMATION

Sample Number	VCP367740	VCP353816	VCP356739	VCP342043
Sample Date	05 Dec 2022	24 Jun 2022	06 Apr 2022	01 Nov 2021
Machine Hours	6547	5245	4671	3947
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT
 5985 COURT STREET ROAD
 SYRACUSE, NY
 US 13206
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 F: (315)434-9471

COOLANT CONDITION

Boron	ppm	---	---	---	0
Phosphorus	ppm	---	---	---	0
Sodium	ppm	---	---	---	3204
Potassium	ppm	---	---	---	103
Silicon	ppm	---	---	---	12
pH	Scale 0-14	7.22	7.38	7.36	7.18
Reserve Alkalinity	Scale 0-20	---	---	---	---
Molybdenum	ppm	---	---	---	<1
Nitrites	ppm	NT	NT	NT	NT
Percentage Glycol	%	51.2	50.7	50.5	46
Freezing Point	°C	-38	-35	-35	-28

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

Magnesium	ppm	---	---	---	6
Calcium	ppm	---	---	---	24
Coolant Appearance		normal	normal	normal	normal
Coolant Color		Yllow	Yllow	Yllow	Yllow

CORROSION

Iron	ppm	---	---	---	<1
Aluminum	ppm	---	---	---	3
Copper	ppm	---	---	---	5
Lead	ppm	---	---	---	0
Tin	ppm	---	---	---	0

Depot: VOLVO0142
Unique No: 10253437
Signed: Jonathan Hester
Report Date: 13 Dec 2022

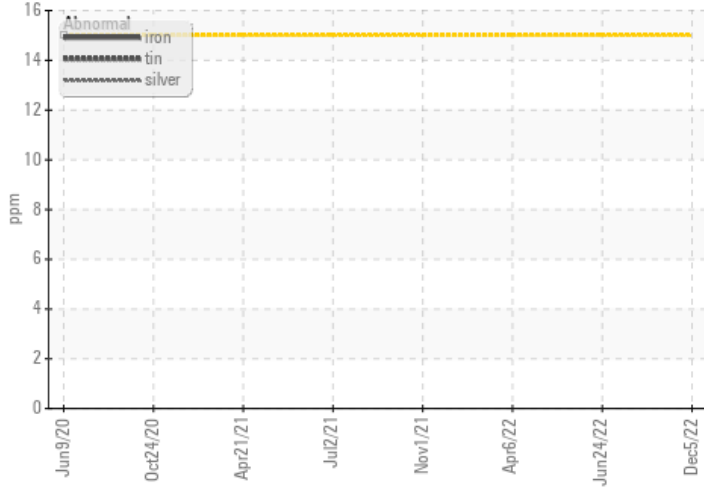


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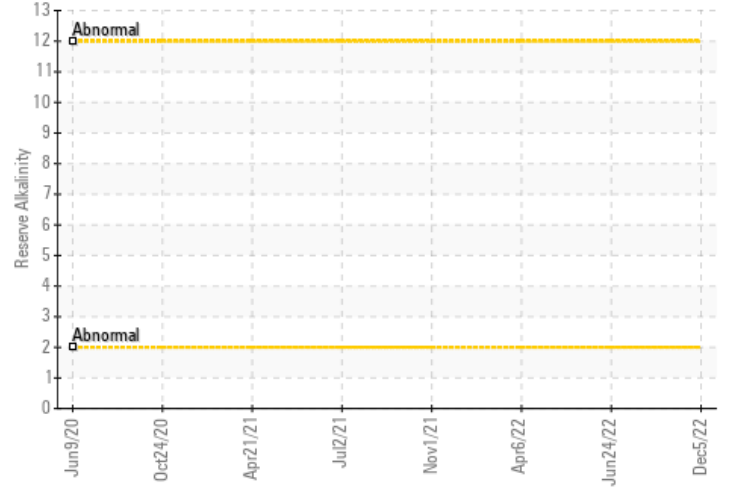


VOLVO GRAPHS

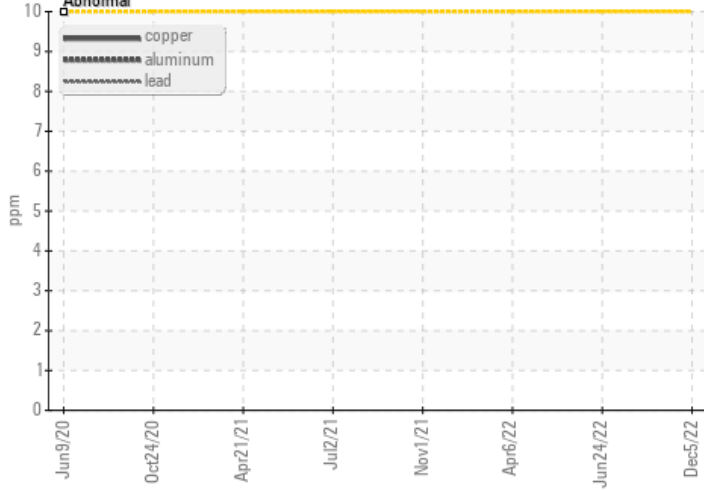
Iron/Tin/Silver



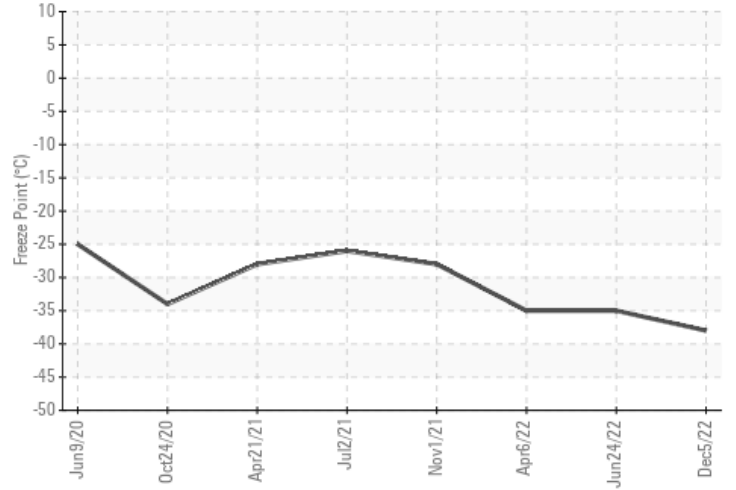
Reserve Alkalinity



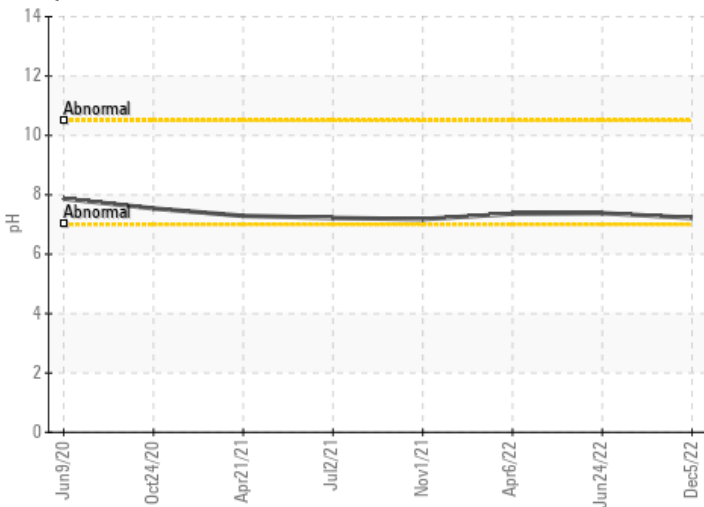
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

