



CONSTRUCTION EQUIPMENT

8-375953 16-8114 - COOLANT



Sample No: VCP394506
Oil Type: VOLVO COOLANT VCS (YELLOW)
Job No: 8-375953



SAMPLE INFORMATION

Sample Number	VCP394506	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	2952	---	---	---
Sample Status	NORMAL	---	---	---

CRH CANADA GROUP INC.

P.O. BOX 5400
 CONCORD, ON
 CA L4K 1B6
 Contact: Dan Brown
 dan.brown@ca.crh.com



COOLANT CONDITION

Boron	ppm	62	---	---	---
Phosphorus	ppm	1	---	---	---
Sodium	ppm	2811	---	---	---
Potassium	ppm	2644	---	---	---
Silicon	ppm	2	---	---	---
pH	Scale 0-14	7.62	---	---	---
Reserve Alkalinity	Scale 0-20	3.1	---	---	---
Molybdenum	ppm	182	---	---	---
Nitrites	ppm	760	---	---	---
Percentage Glycol	%	49.4	---	---	---
Freezing Point	°C	-33	---	---	---

T:
F:

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the coolant. The condition of the coolant is acceptable for the time in service.



CONTAMINATION

Magnesium	ppm	1	---	---	---
Calcium	ppm	3	---	---	---
Coolant Appearance		Clear	---	---	---
Coolant Color		Red	---	---	---
Sand/Dirt	scalar	NONE	---	---	---
Debris	scalar	NONE	---	---	---
Precipitate	scalar	NONE	---	---	---
Silt	scalar	NONE	---	---	---



CORROSION

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

Depot: HOLCON
Unique No: 5631621
Signed: Wes Davis
Report Date: 25 Aug 2023



CONSTRUCTION EQUIPMENT

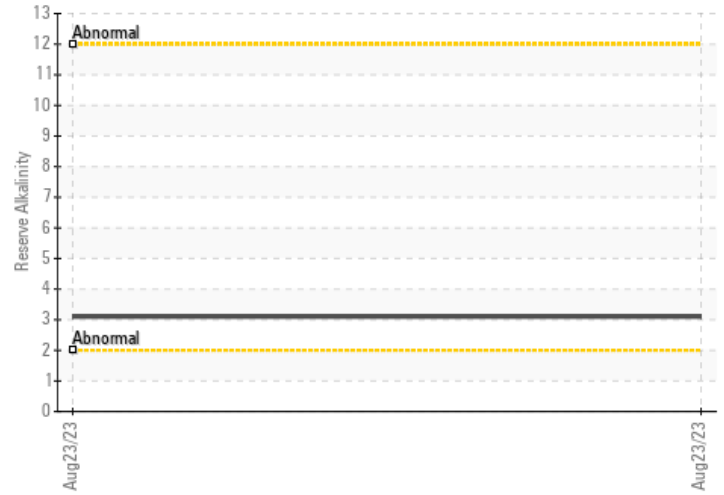


GRAPHS

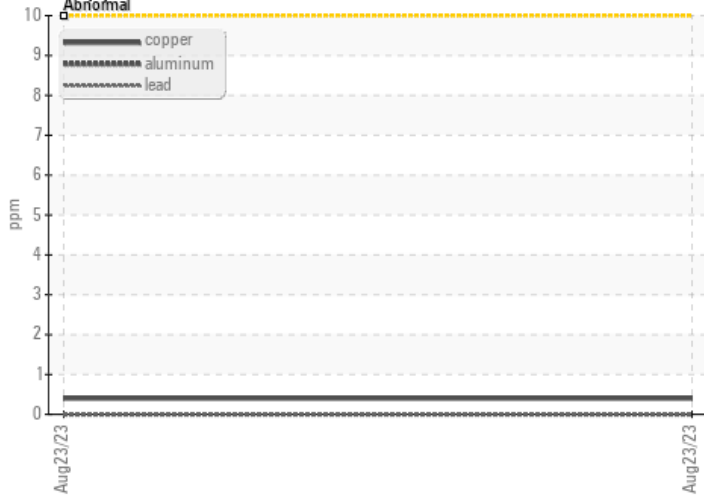
Iron/Tin/Silver



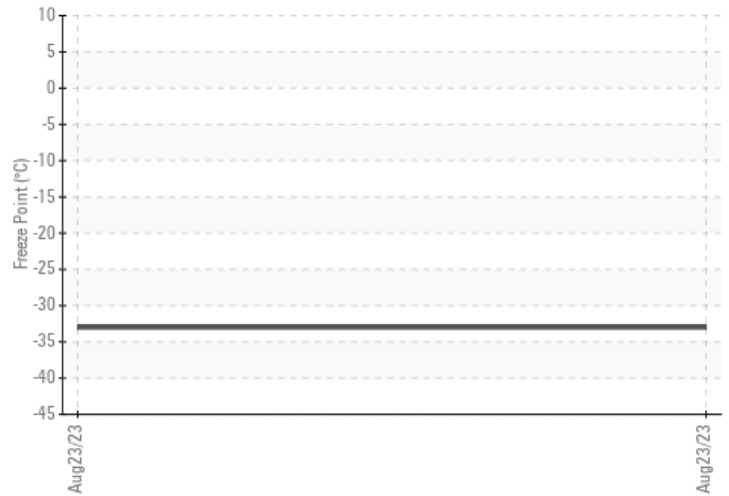
Reserve Alkalinity



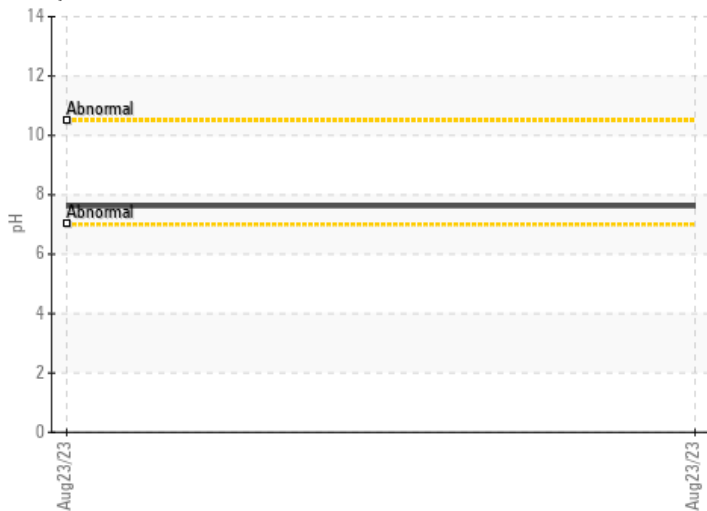
Copper/Aluminum/Lead



Freeze Point



pH



Nitrites

