



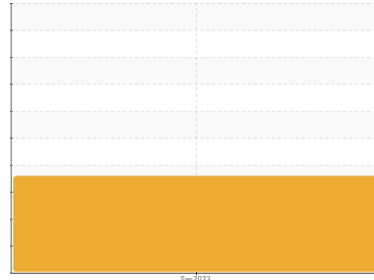
COOLANT REPORT

Sample Rating Trend

OFF SPEC



Machine Id
CATERPILLAR RH BEYMER
 Component
Starboard Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)



DIAGNOSIS

▲ Recommendation

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture.

Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

▲ Contaminants

Sediment present.

▲ Coolant Condition

Carboxylate test failed. The glycol level is higher than acceptable. The pH level of this fluid is within the acceptable limits.



SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0843983	---	---
Sample Date	Client Info		19 Sep 2023	---	---
Machine Age	hrs	Client Info	31979	---	---
Oil Age	hrs	Client Info	2000	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			ABNORMAL	---	---

PHYSICAL TEST RESULTS

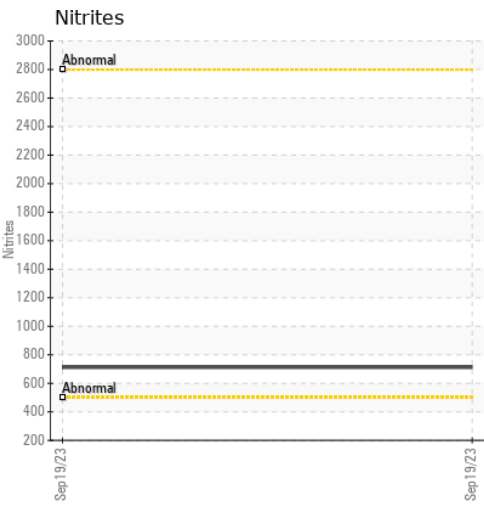
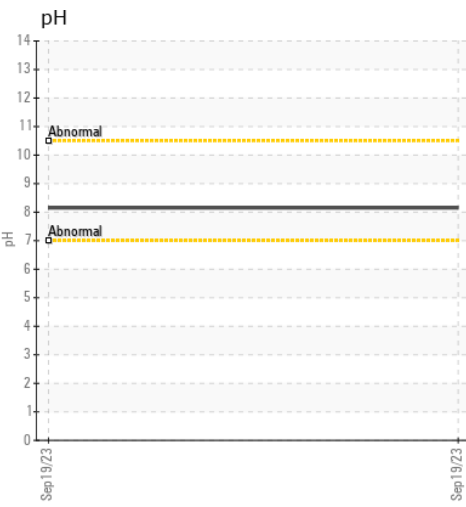
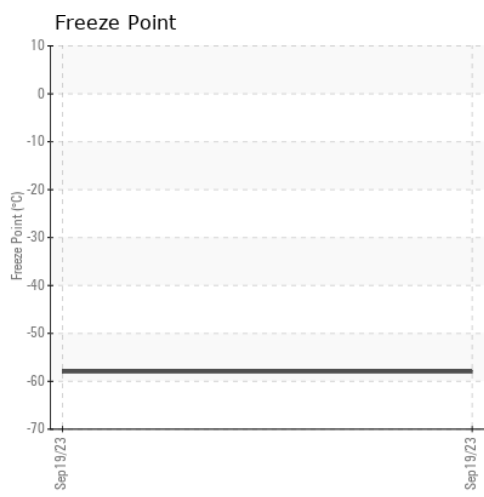
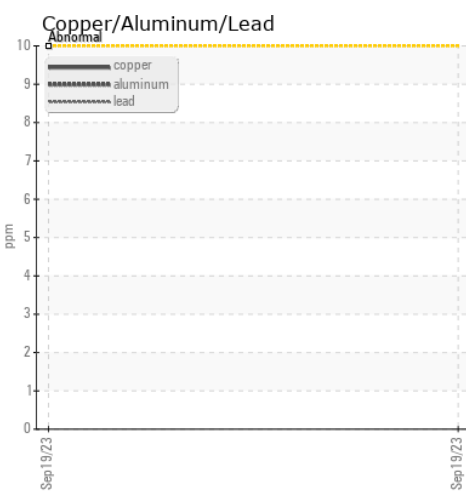
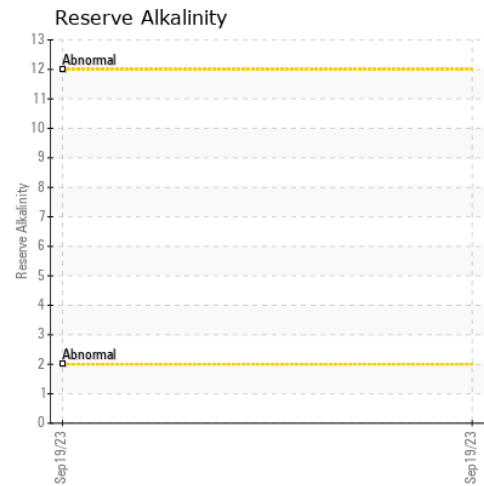
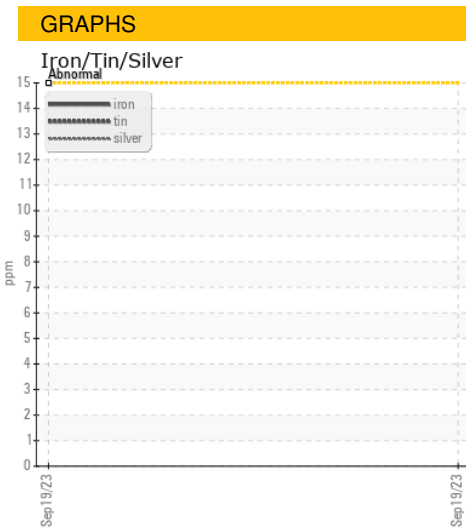
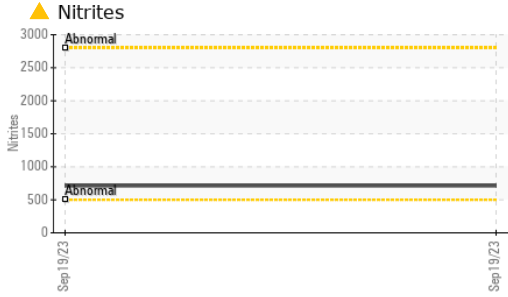
	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.097	---	---
pH	Scale 0-14 ASTM D1287		8.15	---	---
Nitrites	ppm AP-053:2009		712	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		▲ 77.3	---	---
Freezing Point	°F ASTM D3321		-58	---	---
Total Dissolved Solids			578.5	---	---
Carboxylate			fail	---	---

VISUAL

	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	---	---
Coolant Appearance	*Visual	Clear	▲ sediment	---	---
Color				no image	no image
Bottom				no image	no image



COOLANT REPORT



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0843983 **Received** : 02 Oct 2023
Lab Number : 05966799 **Diagnosed** : 08 Oct 2023
Unique Number : 10673350 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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