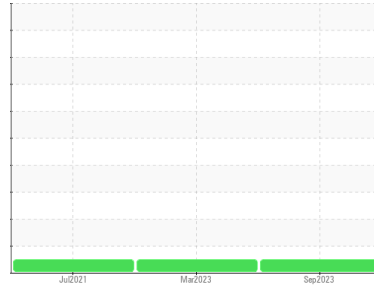




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
Map Runner
 Machine Id
[Map Runner] Coolant - Aft Genset
 Component
Aft Coolant
 Fluid
CAT EXTENDED LIFE COOLANT (ELC) (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

Corrosion

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

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0805578	RP0015843	RP0015861
Sample Date	Client Info		21 Sep 2023	15 Mar 2023	01 Jul 2021
Machine Age	hrs	Client Info	0	0	20035
Oil Age	hrs	Client Info	6870	0	419
Oil Changed		Client Info	N/A	N/A	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.029	1.033	---
pH	Scale 0-14 ASTM D1287		8.51	8.65	8.30
Nitrites	ppm AP-053:2009		1164	524	224
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		22.3	25.4	20
Freezing Point	°F ASTM D3321		14	10	-15
Total Dissolved Solids			175.0	166.5	151.5
Carboxylate			fail	fail	fail

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	0	26	34	---
Phosphorus	ppm ASTM D6130	0	0	0	---
Boron	ppm ASTM D6130	0	3	0	---
Molybdenum	ppm ASTM D6130	950	281	418	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	0	0	---
Aluminum	ppm ASTM D6130	>10	0	0	---
Copper	ppm ASTM D6130	>10	<1	<1	---
Lead	ppm ASTM D6130	>10	0	0	---
Tin	ppm ASTM D6130	>10	0	0	---
Zinc	ppm ASTM D6130		0	0	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		24	36	---

CARRIER SALTS

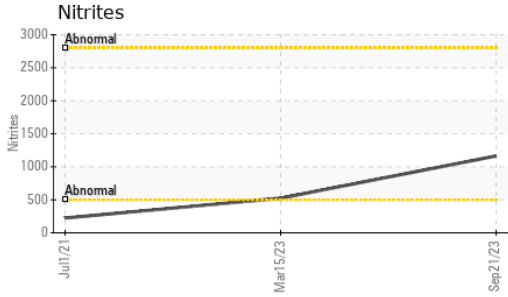
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		3584	4063	---
Potassium	ppm ASTM D6130		0	0	---

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		25	23	---
Magnesium	ppm ASTM D6130		10	10	---

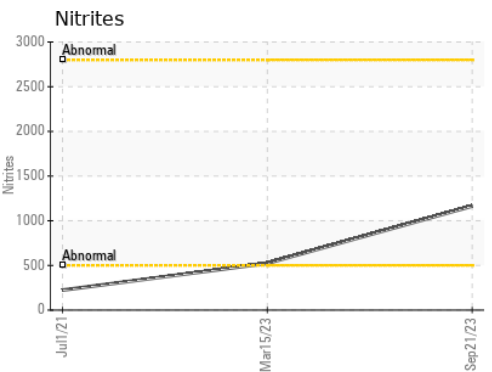
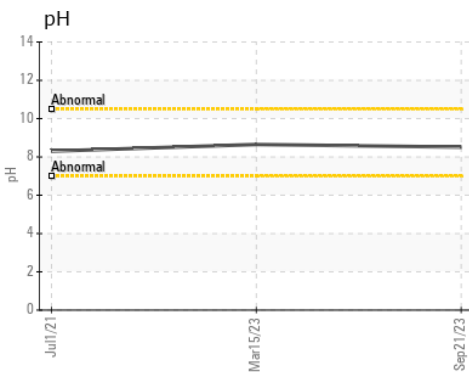
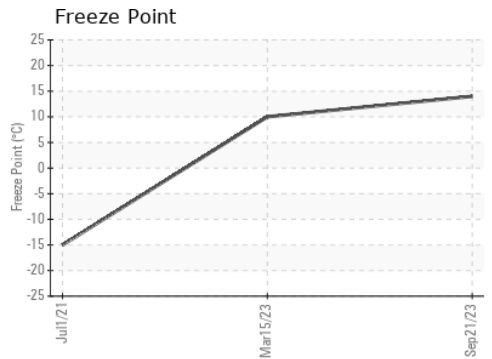
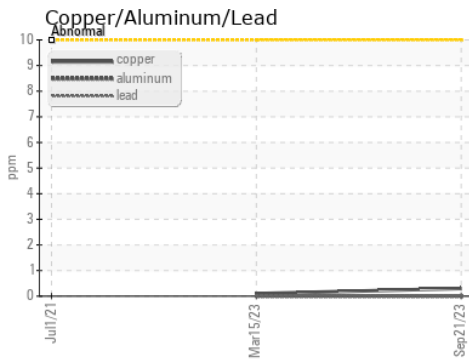
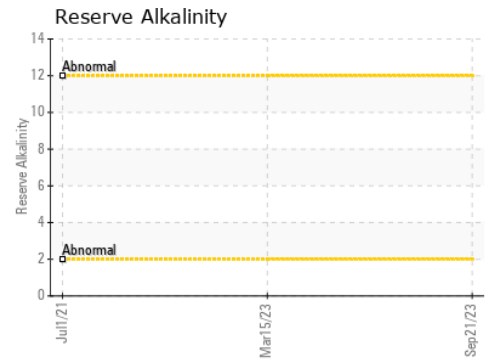
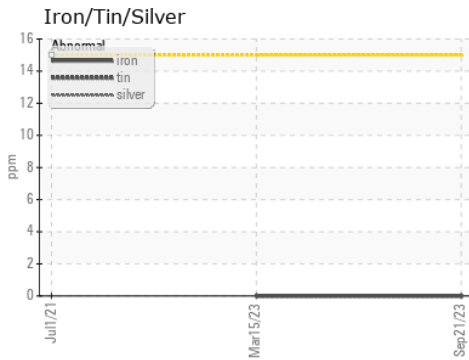


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Red	Red
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : WC0805578 Received : 25 Sep 2023
 Lab Number : 05960907 Diagnosed : 28 Sep 2023
 Unique Number : 10662120 Diagnostician : Doug Bogart
 Test Package : COOL- (Additional Tests: COOL, ICP, KF)

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 CATLETTSBURG, KY
 US 41169
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 F: x:

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)