

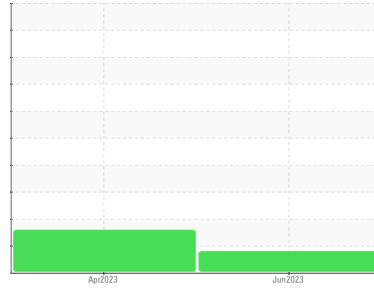


COOLANT REPORT

Sample Rating Trend

APPEARANCE

Area
Huntington
 Machine Id
[Huntington] Coolant - Port Genset
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)



DIAGNOSIS

Recommendation

We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. We recommend an early resample to monitor this condition. (Customer Sample Comment:
 Top Up Amount: 3 GAL)

Corrosion

The iron level is abnormal.

Contaminants

Sediment present.

Coolant Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0769143	WC0735475	---
Sample Date	Client Info		30 Jun 2023	16 Apr 2023	---
Machine Age	hrs	Client Info	15628	0	---
Oil Age	hrs	Client Info	0	0	---
Oil Changed	Client Info		Oil Added	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		1.036	1.052	---
pH	Scale 0-14 ASTM D1287		8.41	8.68	---
Nitrites	ppm AP-053:2009		636	372	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121		---	---	---
Percentage Glycol	% ASTM D3321		27.7	38.7	---
Freezing Point	°F ASTM D3321		8	-9	---
Total Dissolved Solids			176.5	245.5	---
Carboxylate			fail	fail	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		38	17	---
Phosphorus	ppm ASTM D6130		0	0	---
Boron	ppm ASTM D6130		14	5	---
Molybdenum	ppm ASTM D6130		605	769	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	4	▲ 22	---
Aluminum	ppm ASTM D6130	>10	0	1	---
Copper	ppm ASTM D6130	>10	1	<1	---
Lead	ppm ASTM D6130	>10	0	1	---
Tin	ppm ASTM D6130	>10	0	<1	---
Zinc	ppm ASTM D6130		0	4	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		25	33	---

CARRIER SALTS

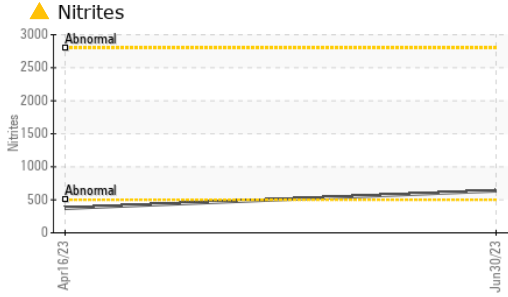
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		4106	4862	---
Potassium	ppm ASTM D6130		46	9	---

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		7	4	---
Magnesium	ppm ASTM D6130		8	1	---

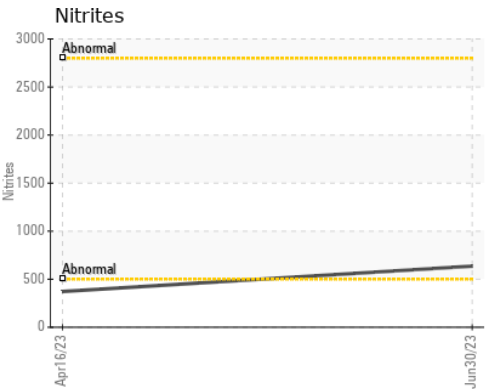
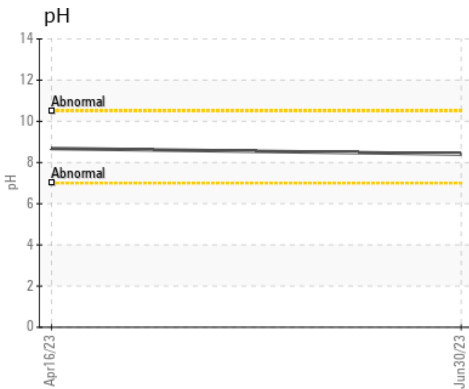
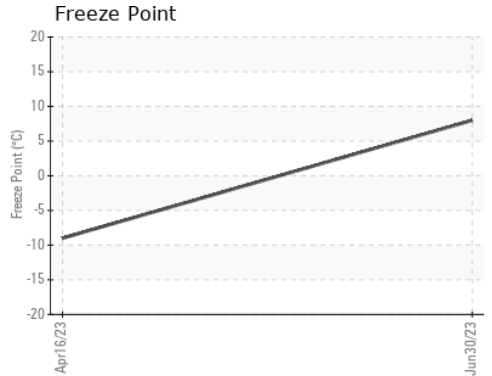
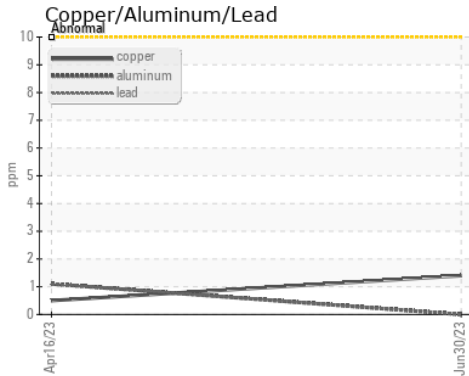
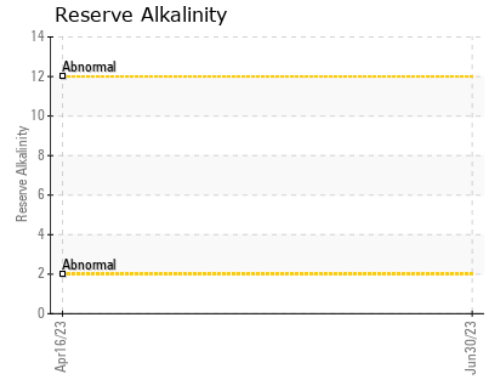
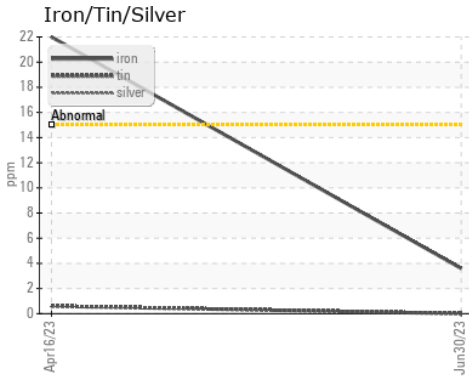


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0769143 **Received** : 17 Jul 2023
Lab Number : 05900369 **Diagnosed** : 20 Jul 2023
Unique Number : 10561725 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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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)