

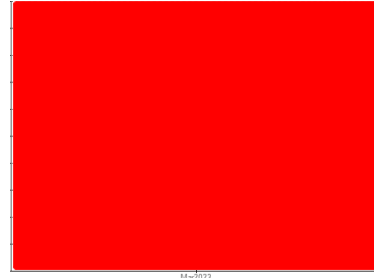


COOLANT REPORT

Sample Rating Trend

WEAR

Area
CASSADAGA
 Machine Id
T48WEA87076 - CONVERTER (S/N 11218447)
 Component
Coolant
 Fluid
NOT GIVEN (--- LTR)



DIAGNOSIS

- Recommendation**
We recommend drain system, and refill with 50/50 antifreeze water mixture.
- Corrosion**
Metal levels are abnormal indicating corrosion in the cooling system.
- Contaminants**
There is no indication of any contamination in the coolant.
- Coolant Condition**
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		NX05823062	---	---
Sample Date	Client Info		31 Mar 2023	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history 1	history 2
Specific Gravity	*ASTM D1298		1.067	---	---
pH	Scale 0-14	ASTM D1287	8.32	---	---
Nitrites	ppm	AP-053:2009	224	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	49.8	---	---
Freezing Point	°F	ASTM D3321	-33	---	---
Total Dissolved Solids			145.5	---	---
Carboxylate			fail	---	---

CORROSION INHIBITORS

	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D6130	34	---	---
Phosphorus	ppm	ASTM D6130	58	---	---
Boron	ppm	ASTM D6130	5	---	---
Molybdenum	ppm	ASTM D6130	1046	---	---

CORROSION

	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D6130	>15 1200	---	---
Aluminum	ppm	ASTM D6130	>10 317	---	---
Copper	ppm	ASTM D6130	>10 <1	---	---
Lead	ppm	ASTM D6130	>10 2	---	---
Tin	ppm	ASTM D6130	>10 1	---	---
Zinc	ppm	ASTM D6130	103	---	---

CONTAMINANTS

	method	limit/base	current	history 1	history 2
Chlorine	ppm	ASTM D6130	60	---	---

CARRIER SALTS

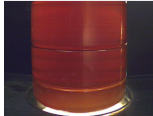

	method	limit/base	current	history 1	history 2
Sodium	ppm	ASTM D6130	990	---	---
Potassium	ppm	ASTM D6130	1776	---	---

SCALE POTENTIAL

	method	limit/base	current	history 1	history 2
Calcium	ppm	ASTM D6130	2	---	---
Magnesium	ppm	ASTM D6130	10	---	---

VISUAL

	method	limit/base	current	history 1	history 2
Coolant Color	*Visual		Yellow	---	---
Coolant Appearance	*Visual	Clear	hazy	---	---

Color				no image	no image
Bottom				no image	no image



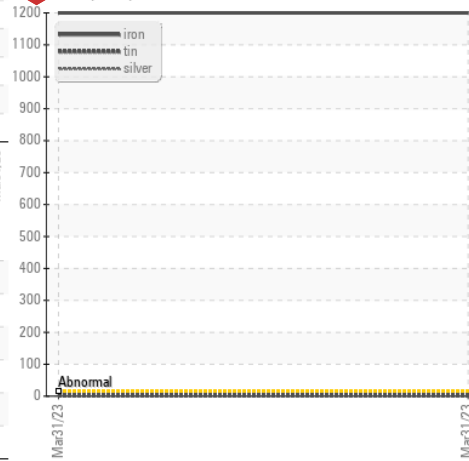
COOLANT REPORT

Copper/Aluminum/Lead

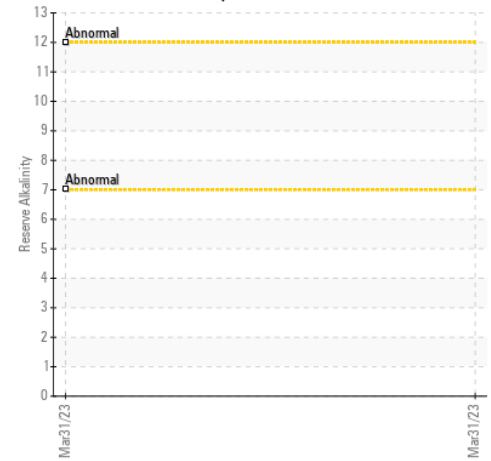


GRAPHS

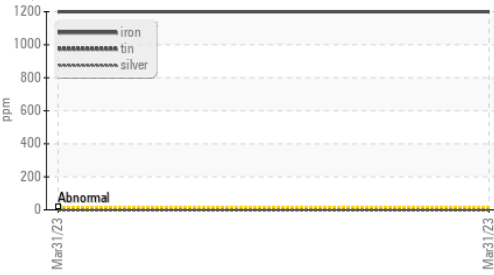
Iron/Tin/Silver



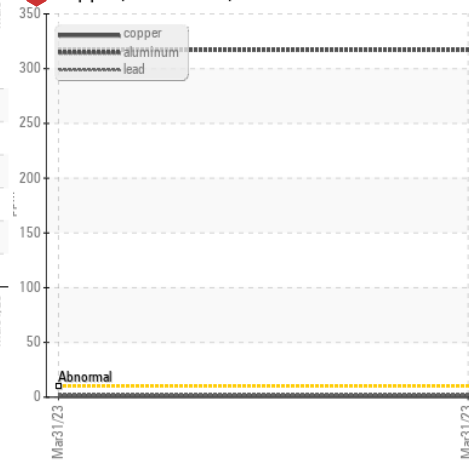
Reserve Alkalinity



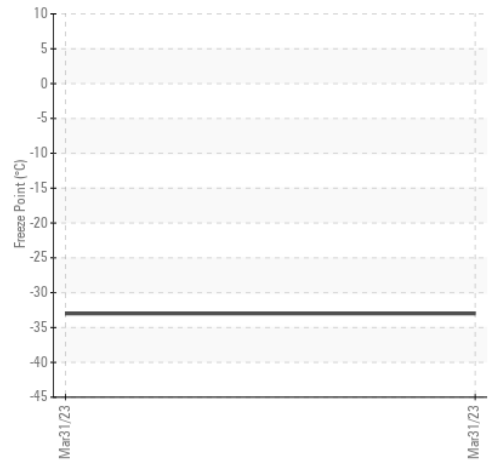
Iron/Tin/Silver



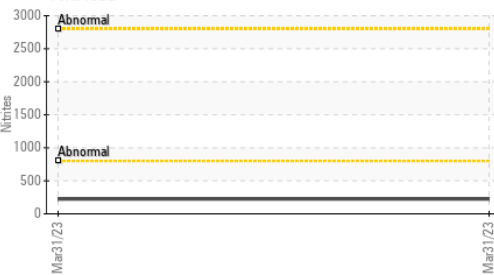
Copper/Aluminum/Lead



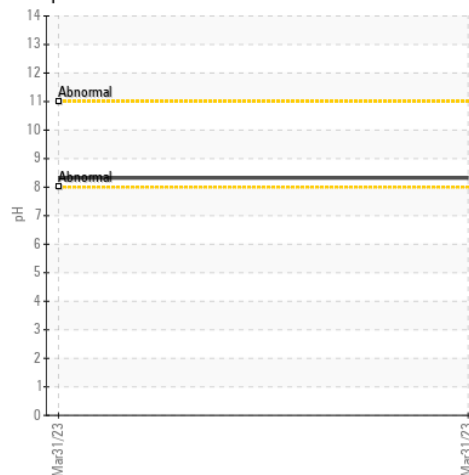
Freeze Point



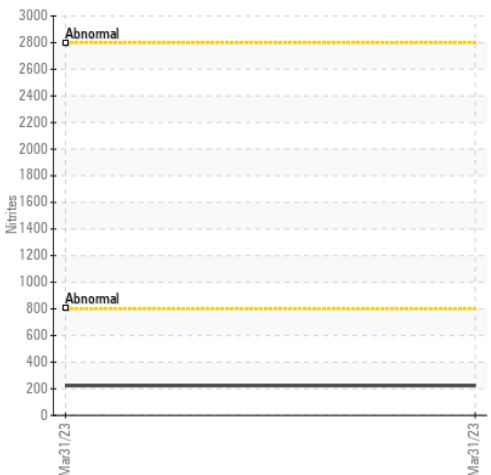
Nitrites



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX05823062 **Received** : 18 Apr 2023
Lab Number : 05823062 **Diagnosed** : 21 Apr 2023
Unique Number : 10431145 **Diagnostician** : Doug Bogart
Test Package : COOL- (Additional Tests: COOL, ICP)

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 US 60606
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 F: (312)386-7102

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)