



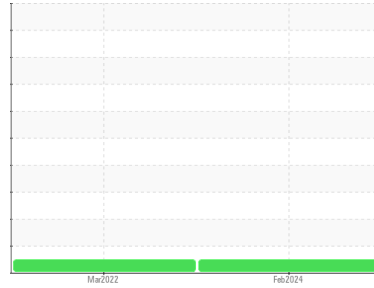
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
THUNDER SPIRIT [200005313]
 Machine Id
17WEA84035 - CONVERTER (S/N 10615063)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- QTS)



DIAGNOSIS

Recommendation

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

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	NX015515	NX010582	---
Sample Date	Client Info	26 Feb 2024	15 Mar 2022	---
Machine Age	hrs Client Info	62319	47709	---
Oil Age	hrs Client Info	0	0	---
Oil Changed	Client Info	N/A	N/A	---
Sample Status		NORMAL	NORMAL	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	---	---	---
Specific Gravity	*ASTM D1298	1.080	1.079	---
pH	Scale 0-14 ASTM D1287	7.92	7.83	---
Nitrites	ppm AP-053:2009	1088	1276	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	60.3	59.8	---
Freezing Point	°F ASTM D3321	-57	-56	---
Total Dissolved Solids		301.0	304.5	---
Carboxylate		n/a	n/a	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	15	22	---
Phosphorus	ppm ASTM D6130	1444	1258	---
Boron	ppm ASTM D6130	248	414	---
Molybdenum	ppm ASTM D6130	3	5	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D6130 >15	2	0	---
Aluminum	ppm ASTM D6130 >10	1	<1	---
Copper	ppm ASTM D6130 >10	2	2	---
Lead	ppm ASTM D6130 >10	1	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	22	0	---

CARRIER SALTS

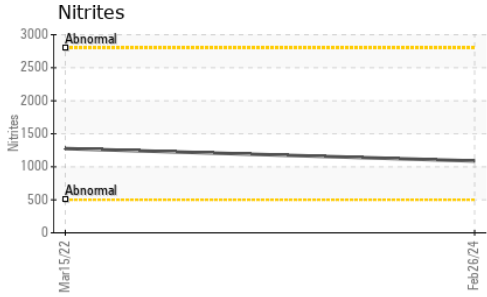
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	343	332	---
Potassium	ppm ASTM D6130	4199	2388	---


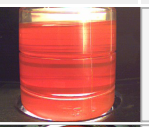


SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130	<1	0	---
Magnesium	ppm ASTM D6130	<1	2	---

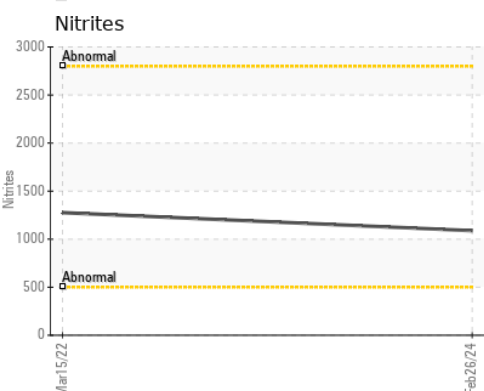
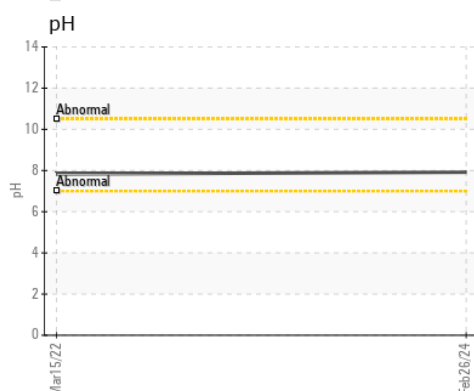
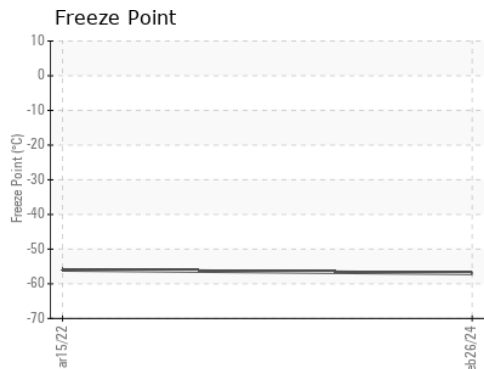
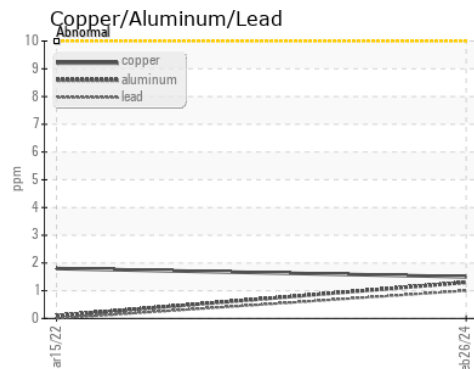
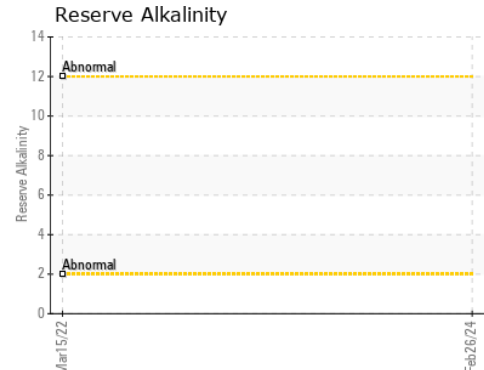
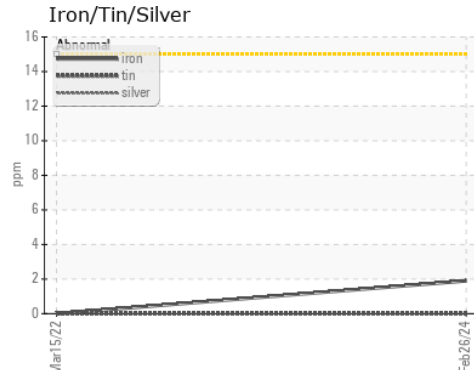


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Orange	Orange	---
Coolant Appearance	*Visual	Clear	normal	normal	---
Color					no image
Bottom					no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015515 **Received** : 19 Mar 2024
Lab Number : **06123302** **Tested** : 20 Mar 2024
Unique Number : 10937453 **Diagnosed** : 22 Mar 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, 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)