



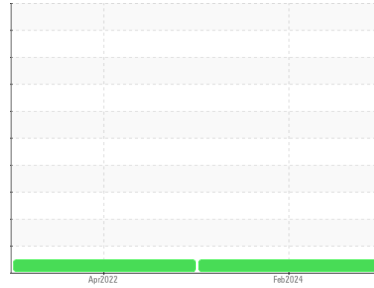
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**THUNDER SPIRIT [200005313]**  
 Machine Id  
**32WEA84019 - CONVERTER (S/N EWP01572)**  
 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		<b>NX015503</b>	NX010588	---
Sample Date	Client Info		<b>26 Feb 2024</b>	07 Apr 2022	---
Machine Age	hrs	Client Info	<b>58818</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		<b>1.080</b>	1.079	---
pH	Scale 0-14	ASTM D1287	<b>7.87</b>	7.88	---
Nitrites	ppm	AP-053:2009	<b>1088</b>	1124	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	<b>60.0</b>	59.5	---
Freezing Point	°F	ASTM D3321	<b>-57</b>	-56	---
Total Dissolved Solids			<b>320.5</b>	282.0	---
Carboxylate			<b>n/a</b>	n/a	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	<b>14</b>	22	---
Phosphorus	ppm	ASTM D6130	<b>1463</b>	1350	---
Boron	ppm	ASTM D6130	<b>248</b>	426	---
Molybdenum	ppm	ASTM D6130	<b>3</b>	2	---

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<b>2</b>	0
Aluminum	ppm	ASTM D6130	>10	<b>1</b>	0
Copper	ppm	ASTM D6130	>10	<b>1</b>	<1
Lead	ppm	ASTM D6130	>10	<b>&lt;1</b>	<1
Tin	ppm	ASTM D6130	>10	<b>0</b>	0
Zinc	ppm	ASTM D6130		<b>0</b>	0

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>21</b>	0

## CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>351</b>	335
Potassium	ppm	ASTM D6130		<b>4212</b>	2214


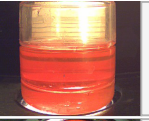


## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		<b>&lt;1</b>	0
Magnesium	ppm	ASTM D6130		<b>&lt;1</b>	2

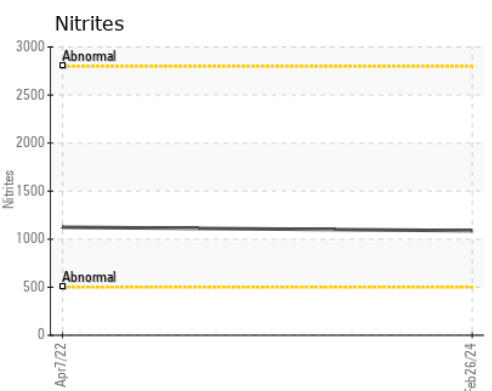
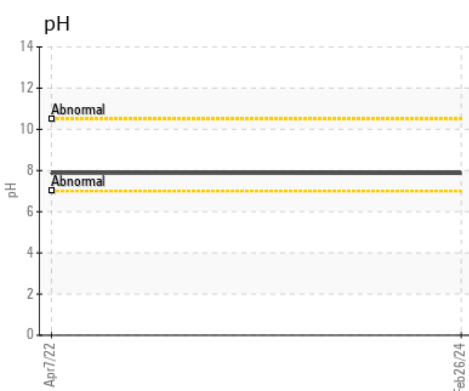
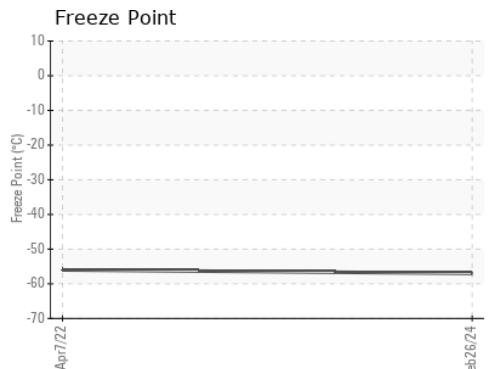
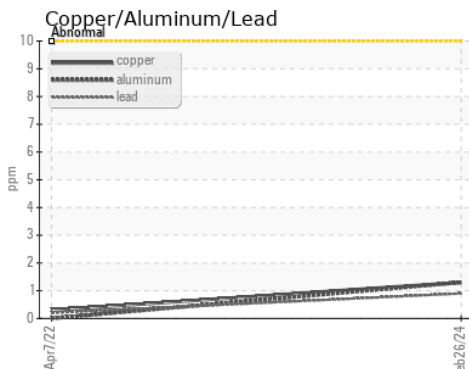
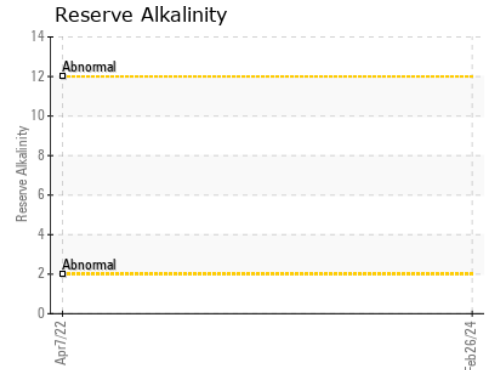
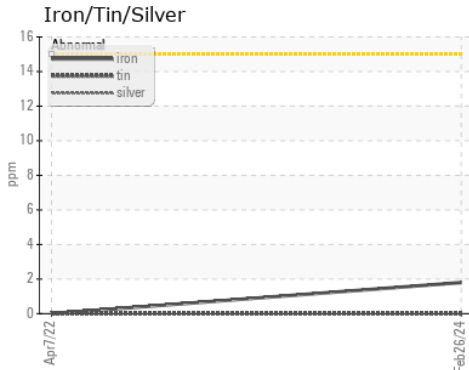


# COOLANT REPORT



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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : NX015503      **Received** : 19 Mar 2024  
**Lab Number** : **06123279**      **Tested** : 20 Mar 2024  
**Unique Number** : 10937430      **Diagnosed** : 22 Mar 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType, ICP )

**NORDEX USA - Chicago**  
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 US 60606  
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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)