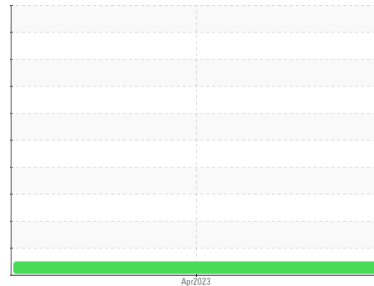




# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**DAKOTA RANGE III [200006928]**  
 Machine Id  
**24WEA87746 - E-02-A**  
 Component  
**Coolant**  
 Fluid  
**CLARIANT ANTIFROGEN N (--- LTR)**

## 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

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	<b>NX05852719</b>	---	---
Sample Date	Client Info	<b>12 Apr 2023</b>	---	---
Machine Age	hrs Client Info	<b>14741</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2	
Specific Gravity	*ASTM D1298	1.11	<b>1.067</b>	---	---
pH	Scale 0-14 ASTM D1287	8.5	<b>8.20</b>	---	---
Nitrites	ppm AP-053:2009		<b>72</b>	---	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121	4.0	<b>---</b>	---	---
Percentage Glycol	% ASTM D3321	44	<b>49.8</b>	---	---
Freezing Point	°F ASTM D3321	-32	<b>-33</b>	---	---
Total Dissolved Solids			<b>278.0</b>	---	---
Carboxylate			<b>n/a</b>	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2	
Silicon	ppm ASTM D6130	3	<b>11</b>	---	---
Phosphorus	ppm ASTM D6130	5	<b>60</b>	---	---
Boron	ppm ASTM D6130	15	<b>20</b>	---	---
Molybdenum	ppm ASTM D6130	110	<b>322</b>	---	---

## CORROSION

method	limit/base	current	history1	history2	
Iron	ppm ASTM D6130	>15	<b>29</b>	---	---
Aluminum	ppm ASTM D6130	>10	<b>6</b>	---	---
Copper	ppm ASTM D6130	>10	<b>1</b>	---	---
Lead	ppm ASTM D6130	>10	<b>&lt;1</b>	---	---
Tin	ppm ASTM D6130	>10	<b>2</b>	---	---
Zinc	ppm ASTM D6130		<b>4</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2	
Chlorine	ppm ASTM D6130		<b>38</b>	---	---

## CARRIER SALTS

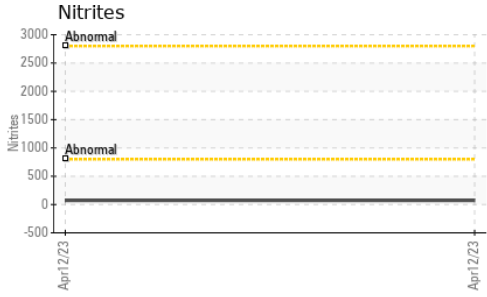
method	limit/base	current	history1	history2	
Sodium	ppm ASTM D6130	2400	<b>5219</b>	---	---
Potassium	ppm ASTM D6130	5	<b>369</b>	---	---



## SCALE POTENTIAL

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

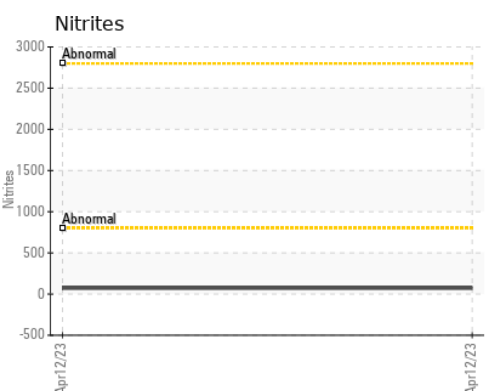
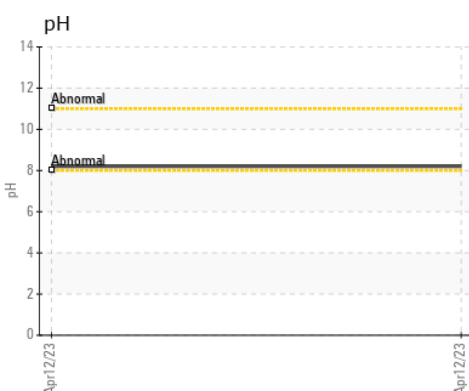
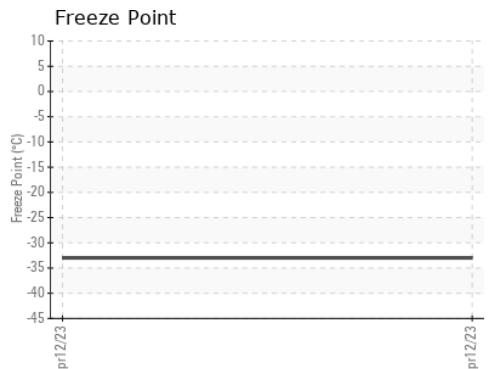
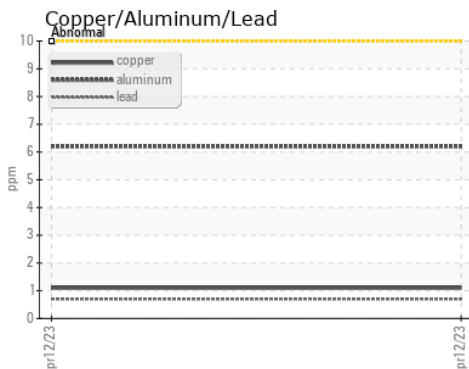
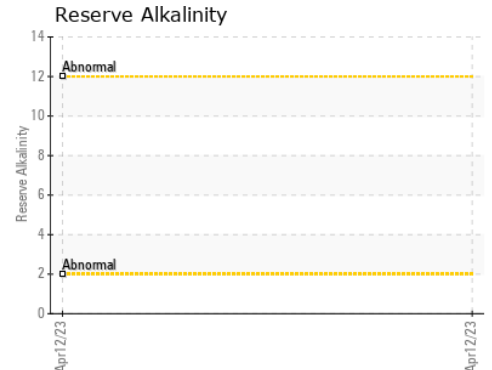
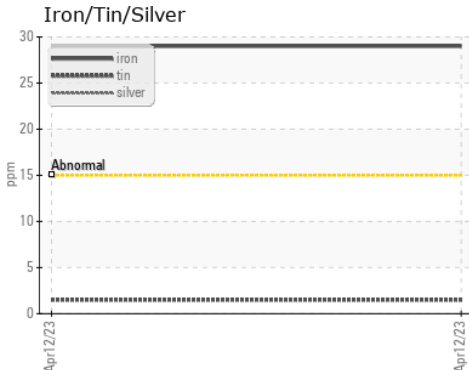


# COOLANT REPORT



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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : NX05852719      **Received** : 19 May 2023  
**Lab Number** : **05852719**      **Tested** : 26 May 2023  
**Unique Number** : 10482074      **Diagnosed** : 04 Jun 2023 - Doug Bogart  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

**NORDEX USA - Chicago**  
 300 SOUTH WACKER DRIVE, SUITE 1500  
 CHICAGO, IL  
 US 60606  
 Contact: DEVIN LINEHAN  
 DLinehan@nordex-online.com

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)