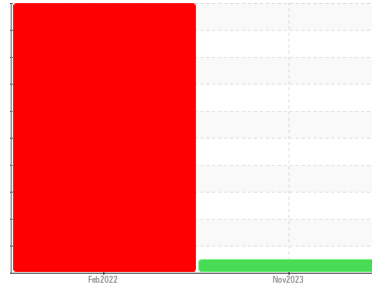




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**FRONTIER II [200006776]**  
 Machine Id  
**15WEA86919**  
 Component  
**Coolant**  
 Fluid  
**EXTENDED LIFE COOLANT (--- LTR)**

## 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>NX06026981</b>	NX05471859	---
Sample Date	Client Info			<b>27 Nov 2023</b>	05 Feb 2022	---
Machine Age	hrs	Client Info		<b>0</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>	SEVERE	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298		<b>1.060</b>	---	---
pH	Scale 0-14	ASTM D1287		<b>7.85</b>	8.35	---
Nitrites	ppm	AP-053:2009		<b>336</b>	488	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>44.8</b>	44	---
Freezing Point	°F	ASTM D3321		<b>-21</b>	-24	---
Total Dissolved Solids				<b>181.5</b>	152.0	---
Carboxylate				<b>n/a</b>	fail	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		<b>87</b>	95	---
Phosphorus	ppm	ASTM D6130		<b>0</b>	99	---
Boron	ppm	ASTM D6130		<b>0</b>	2	---
Molybdenum	ppm	ASTM D6130		<b>125</b>	980	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<b>&lt;1</b>	1200	---
Aluminum	ppm	ASTM D6130	>10	<b>4</b>	207	---
Copper	ppm	ASTM D6130	>10	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D6130	>10	<b>&lt;1</b>	1	---
Tin	ppm	ASTM D6130	>10	<b>&lt;1</b>	<1	---
Zinc	ppm	ASTM D6130		<b>1</b>	87	---

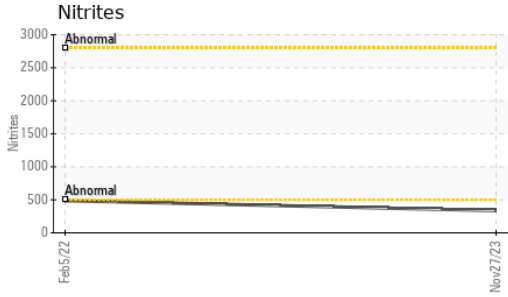
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		<b>8</b>	86	---





CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		<b>2598</b>	565	---
Potassium	ppm	ASTM D6130		<b>318</b>	596	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		<b>1</b>	2	---
Magnesium	ppm	ASTM D6130		<b>&lt;1</b>	4	---

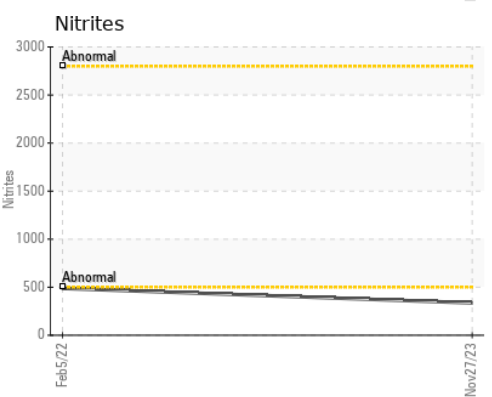
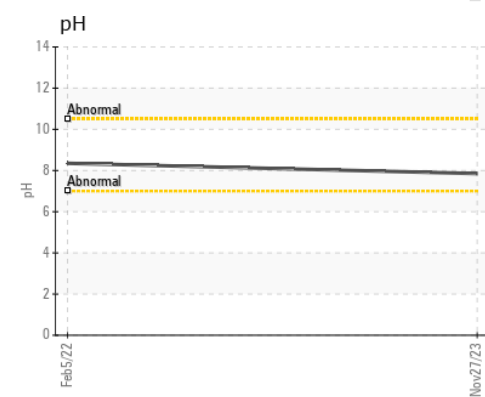
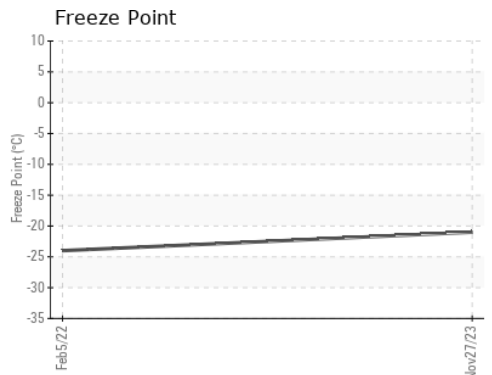
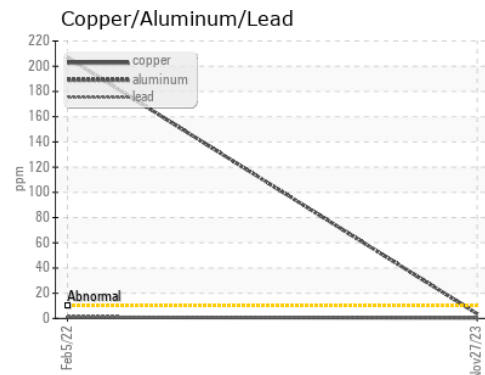
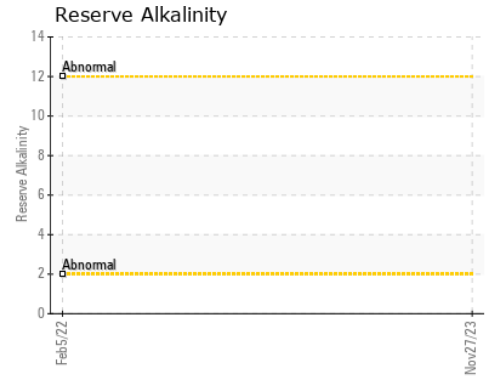
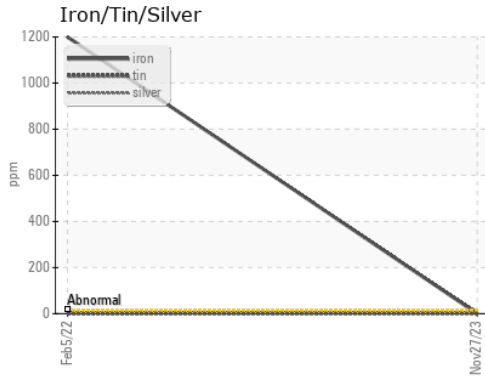


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Yllow</b>	Red	---
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.** : NX06026981 **Received** : 06 Dec 2023  
**Lab Number** : 06026981 **Diagnosed** : 11 Dec 2023  
**Unique Number** : 10776772 **Diagnostician** : 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  
 T: (312)386-4124  
 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)