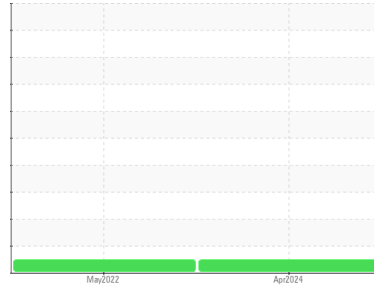




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
THUNDER SPIRIT [200009532]
 Machine Id
28WEA84026 - CONVERTER (S/N 72802187428)
 Component
Coolant
 Fluid
INTERCOOL W6F-55AA (--- 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	NX014479	NX004424	---
Sample Date	Client Info	01 Apr 2024	09 May 2022	---
Machine Age	hrs Client Info	41563	0	---
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	1.079	1.079	---
pH	Scale 0-14 ASTM D1287	7.89	7.81	---
Nitrites	ppm AP-053:2009	1124	600	---
Reserve Alkalinity	Scale 0-20 *ASTM D1121	---	---	---
Percentage Glycol	% ASTM D3321	59.6	59.6	---
Freezing Point	°F ASTM D3321	-56	-56	---
Total Dissolved Solids		258.5	327.0	---
Carboxylate		n/a	n/a	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	14	21	---
Phosphorus	ppm ASTM D6130	1503	1088	---
Boron	ppm ASTM D6130	275	437	---
Molybdenum	ppm ASTM D6130	2	2	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D6130 >15	3	0	---
Aluminum	ppm ASTM D6130 >10	<1	0	---
Copper	ppm ASTM D6130 >10	0	<1	---
Lead	ppm ASTM D6130 >10	0	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	21	0	---

CARRIER SALTS

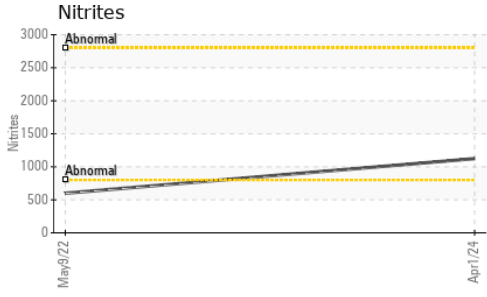
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	373	343	---
Potassium	ppm ASTM D6130	4818	2389	---





SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130 >100	0	0	---
Magnesium	ppm ASTM D6130 >40	0	2	---
Hardness	mg/L CaCO3 *In-house <75	0	---	---

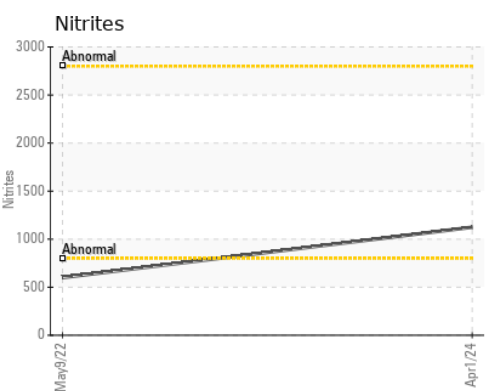
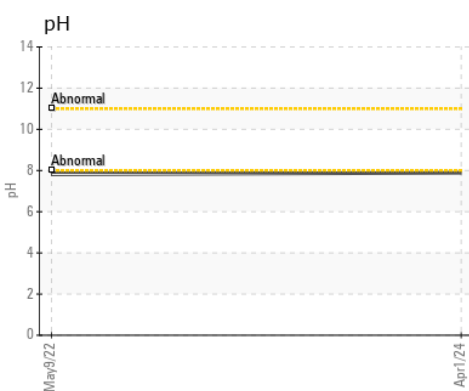
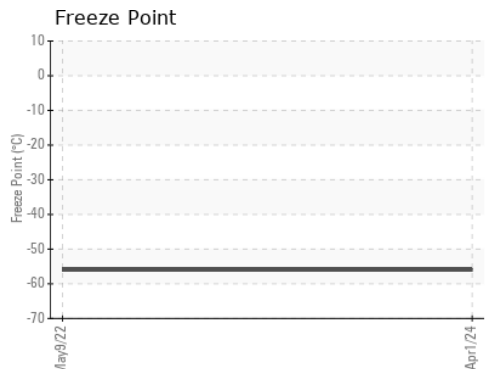
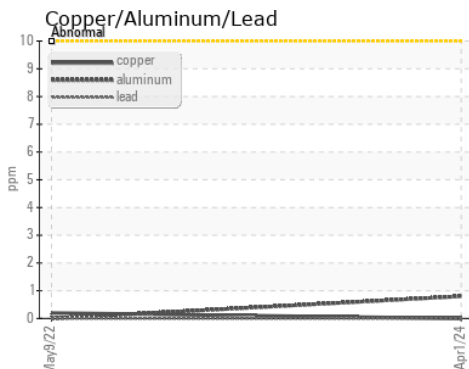
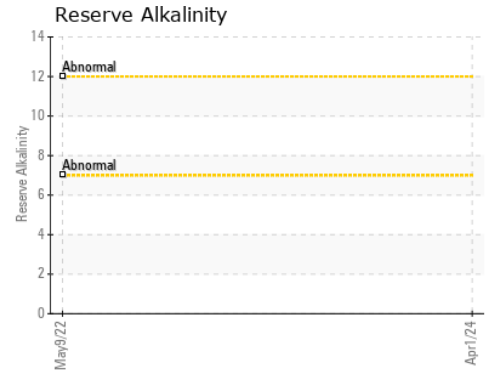
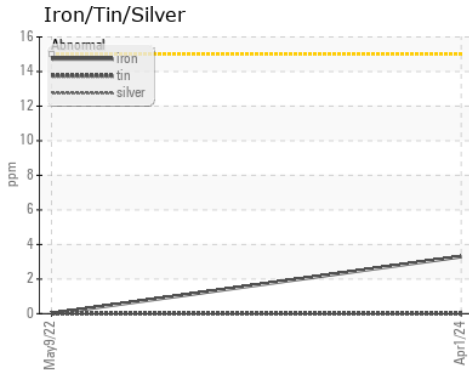


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX014479 **Received** : 01 Apr 2024
Lab Number : 06135979 **Tested** : 05 Apr 2024
Unique Number : 10955444 **Diagnosed** : 05 Apr 2024 - Jonathan Hester
Test Package : COOL (Additional Tests: GlycolType)

NORDEX USA - Chicago
 300 SOUTH WACKER DRIVE, SUITE 1500
 CHICAGO, IL 60606

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)

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