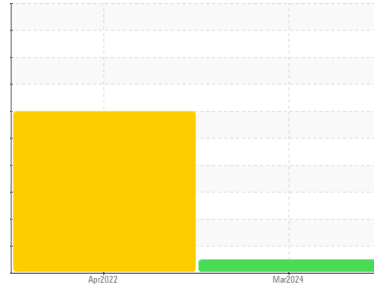




COOLANT REPORT

Sample Rating Trend

NORMAL



Area
THUNDER SPIRIT [200009532]
 Machine Id
08WEA84025 - GEN (S/N 72802187368)
 Component
Coolant
 Fluid
CONVENTIONAL 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			NX015533	NX004817	---
Sample Date	Client Info			11 Mar 2024	28 Apr 2022	---
Machine Age	hrs	Client Info		60549	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	SEVERE	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			---	---	---
Specific Gravity	*ASTM D1298			1.076	1.073	---
pH	Scale 0-14	ASTM D1287		8.51	9.05	---
Nitrites	ppm	AP-053:2009		636	300	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		56.4	54.7	---
Freezing Point	°F	ASTM D3321		-50	-45	---
Total Dissolved Solids				286.0	213.0	---
Carboxylate				n/a	n/a	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130		17	35	---
Phosphorus	ppm	ASTM D6130		1017	489	---
Boron	ppm	ASTM D6130		192	226	---
Molybdenum	ppm	ASTM D6130		134	597	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	6	▲ 278	---
Aluminum	ppm	ASTM D6130	>10	1	4	---
Copper	ppm	ASTM D6130	>10	1	<1	---
Lead	ppm	ASTM D6130	>10	<1	<1	---
Tin	ppm	ASTM D6130	>10	0	0	---
Zinc	ppm	ASTM D6130		0	17	---

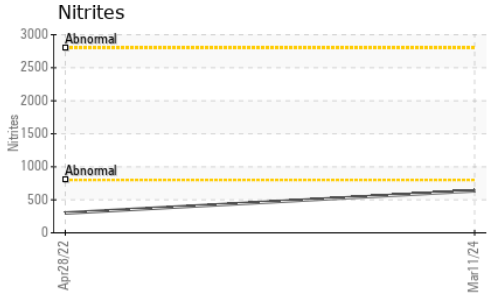
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		22	0	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		506	684	---
Potassium	ppm	ASTM D6130		3165	1299	---

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

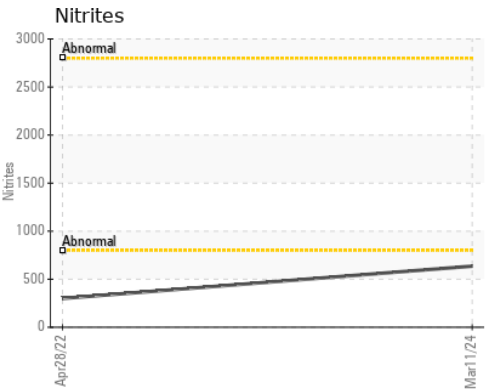
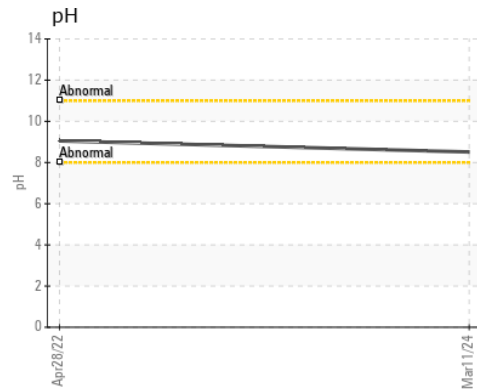
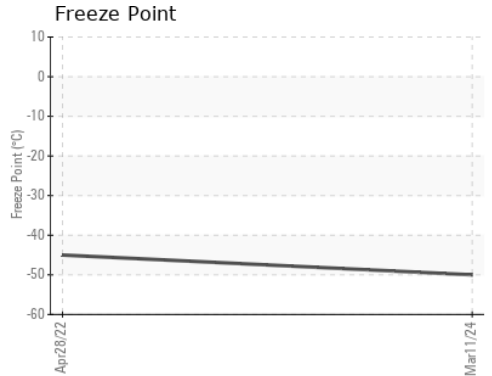
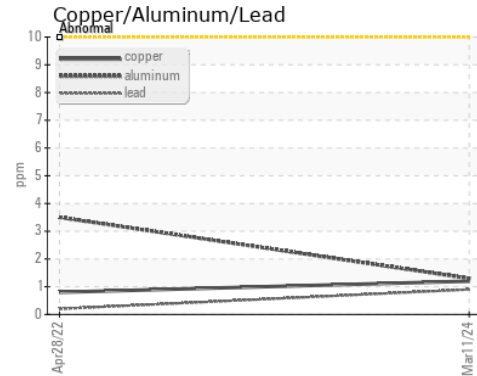
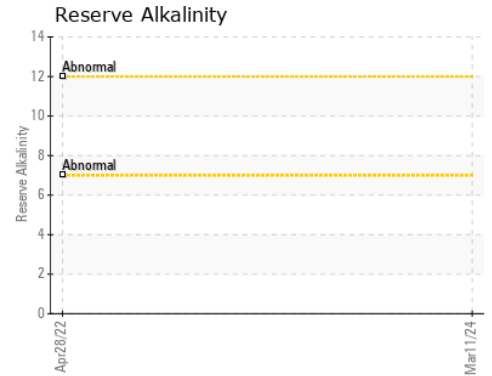
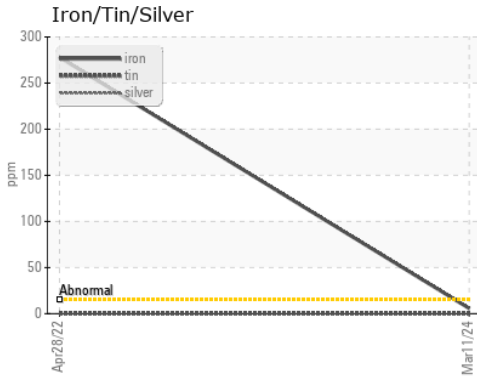


COOLANT REPORT



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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015533
Lab Number : 06123291
Unique Number : 10937442
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, 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)