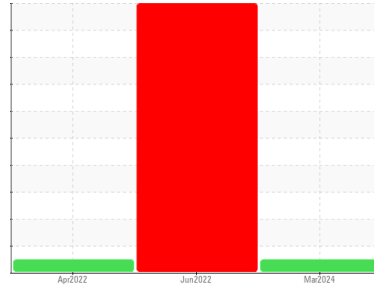




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
THUNDER SPIRIT [200009532]
 Machine Id
42WEA84006 - CONVERTER (S/N EWP00748)
 Component
Coolant
 Fluid
INTERCOOL NFE-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		NX015546	NX011155	NX004429
Sample Date	Client Info		13 Mar 2024	20 Jun 2022	07 Apr 2022
Machine Age	hrs	Client Info	59565	47985	0
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			NORMAL	SEVERE	NORMAL

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.072	1.072	1.079
pH	Scale 0-14	ASTM D1287	8.22	8.14	7.90
Nitrites	ppm	AP-053:2009	560	336	864
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	53.6	53.5	59.4
Freezing Point	°F	ASTM D3321	-43	-43	-56
Total Dissolved Solids			84.5	71.5	313.0
Carboxylate			n/a	n/a	n/a

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	9	8	17
Phosphorus	ppm	ASTM D6130	156	178	1291
Boron	ppm	ASTM D6130	78	101	415
Molybdenum	ppm	ASTM D6130	38	66	1

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	8	▲ 82	0
Aluminum	ppm	ASTM D6130 >10	<1	▲ 29	0
Copper	ppm	ASTM D6130 >10	0	8	<1
Lead	ppm	ASTM D6130 >10	0	2	0
Tin	ppm	ASTM D6130 >10	0	0	0
Zinc	ppm	ASTM D6130	0	21	0

CONTAMINANTS

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

CARRIER SALTS

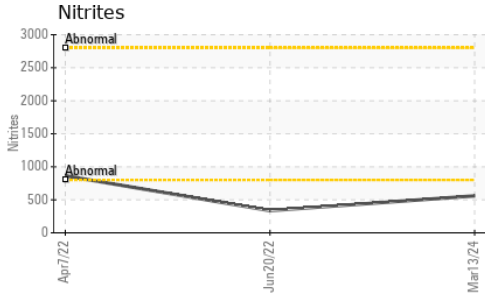
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	55	32	322
Potassium	ppm	ASTM D6130	1325	751	2391

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130 >100	0	0	0
Magnesium	ppm	ASTM D6130 >40	0	0	<1
Hardness	mg/L CaCO3	*In-house <75	0	0	---

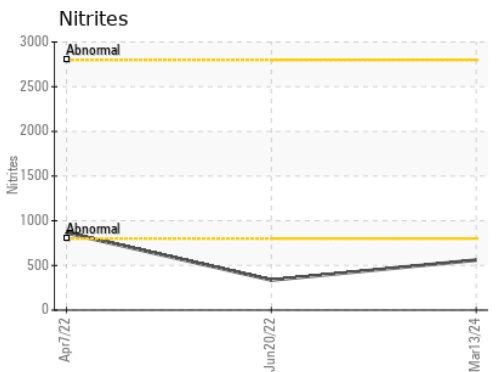
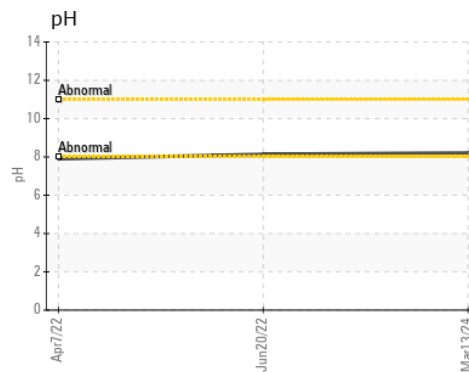
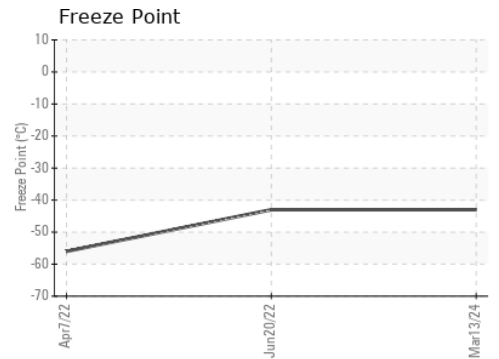
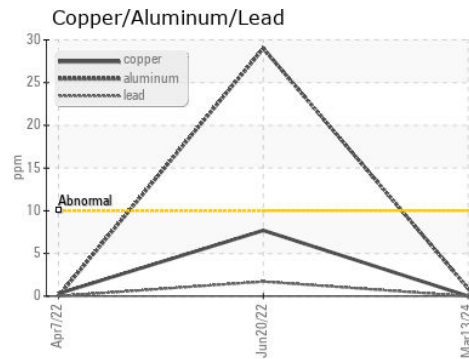
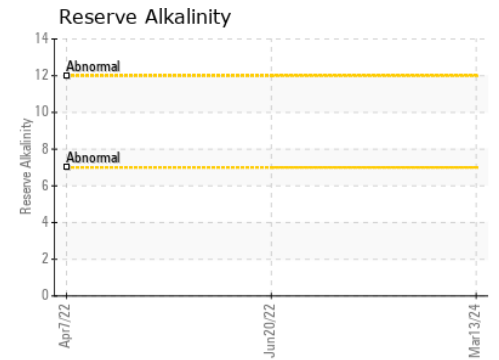
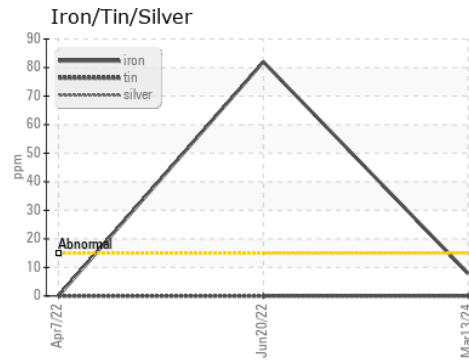


COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Red	Yellow	Orange
Coolant Appearance	*Visual	Clear	normal	normal	normal
Color					
Bottom					

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015546
Lab Number : 06135980
Unique Number : 10955445
Test Package : COOL (Additional Tests: GlycolType)

Received : 01 Apr 2024
Tested : 05 Apr 2024
Diagnosed : 05 Apr 2024 - Jonathan Hester

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)

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