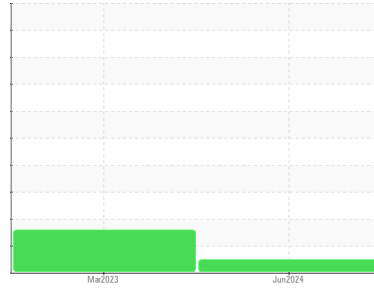




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
DAKOTA RANGE III [200006928]

Machine Id
32WEA87764 - F-04-A

Component
Coolant
Fluid
CLARIANT ANTIFROGEN N (--- 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	NX015956	NX05852713	---
Sample Date	Client Info	17 Jun 2024	15 Mar 2023	---
Machine Age	hrs Client Info	23353	13471	---
Oil Age	hrs Client Info	9898	0	---
Oil Changed	Client Info	Not Chngd	N/A	---
Sample Status		NORMAL	ABNORMAL	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	---	---	---
Specific Gravity	*ASTM D1298	1.11	1.067	1.068
pH	Scale 0-14 ASTM D1287	8.5	7.67	8.25
Nitrites	ppm AP-053:2009		336	112
Reserve Alkalinity	Scale 0-20 *ASTM D1121	4.0	---	---
Percentage Glycol	% ASTM D3321	44	49.5	50.1
Freezing Point	°F ASTM D3321	-32	-33	-35
Total Dissolved Solids			305.5	282.0
Carboxylate			fail	n/a

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130	3	2	12
Phosphorus	ppm ASTM D6130	5	0	71
Boron	ppm ASTM D6130	15	0	23
Molybdenum	ppm ASTM D6130	110	149	366

CORROSION

method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	6	▲ 81
Aluminum	ppm ASTM D6130	>10	3	▲ 14
Copper	ppm ASTM D6130	>10	0	1
Lead	ppm ASTM D6130	>10	0	1
Tin	ppm ASTM D6130	>10	0	1
Zinc	ppm ASTM D6130		3	8

CONTAMINANTS

method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		0	41

CARRIER SALTS

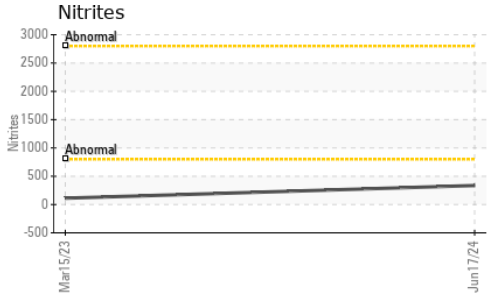
method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130	2400	3496	4838
Potassium	ppm ASTM D6130	5	184	617



SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		0	1
Magnesium	ppm ASTM D6130		0	1

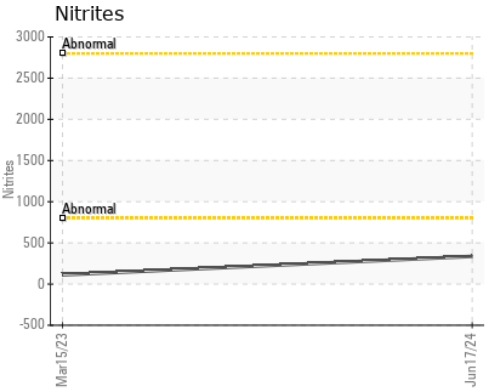
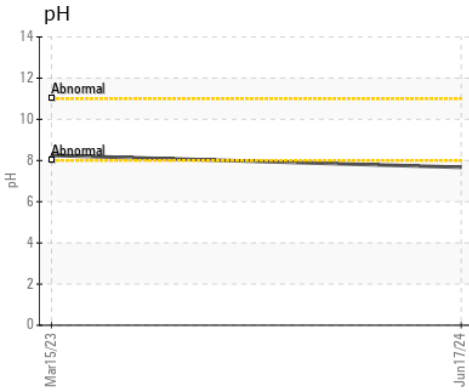
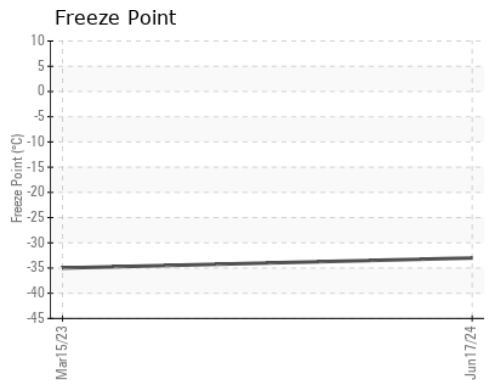
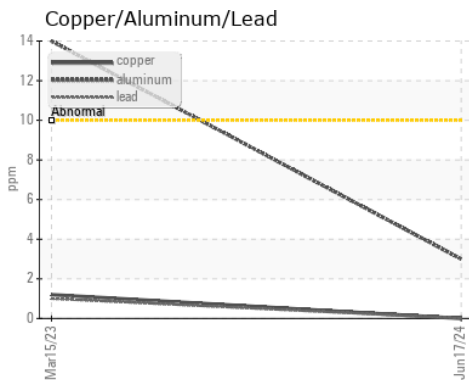
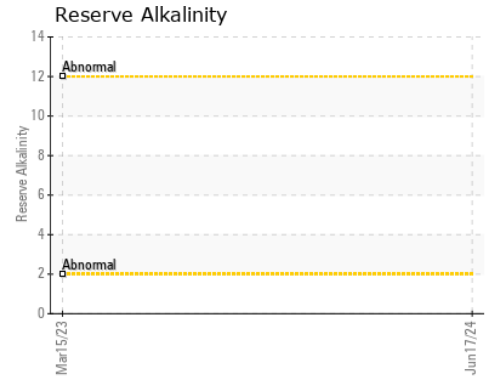
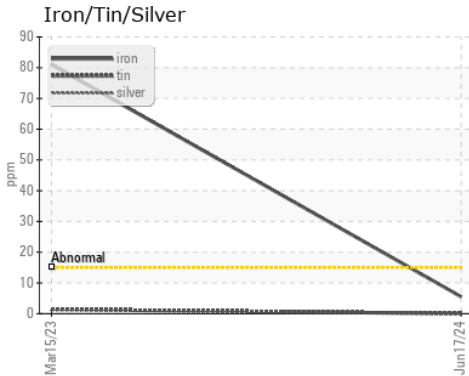


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015956 **Received** : 21 Jun 2024
Lab Number : **06217241** **Tested** : 26 Jun 2024
Unique Number : 11090105 **Diagnosed** : 26 Jun 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: GlycolType, ICP)

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