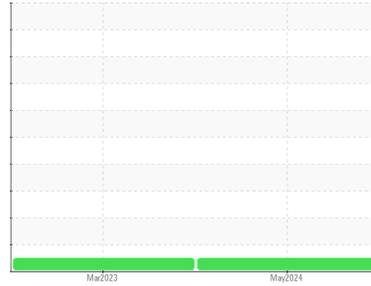




COOLANT REPORT

Sample Rating Trend



NORMAL



Area
DAKOTA RANGE III [600446296]
 Machine Id
08WEA87758 - B-02-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		NX015983	NX05852717	---
Sample Date	Client Info		22 May 2024	17 Mar 2023	---
Machine Age	hrs	Client Info	23250	14039	---
Oil Age	hrs	Client Info	9174	0	---
Oil Changed	Client Info		Not Chngd	N/A	---
Sample Status			NORMAL	NORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298	1.11	1.067	1.067	---
pH	Scale 0-14	ASTM D1287 8.5	7.70	8.30	---
Nitrites	ppm	AP-053:2009	300	112	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121 4.0	---	---	---
Percentage Glycol	%	ASTM D3321 44	49.6	49.7	---
Freezing Point	°F	ASTM D3321 -32	-33	-33	---
Total Dissolved Solids			274.0	278.0	---
Carboxylate			n/a	n/a	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130 3	2	11	---
Phosphorus	ppm	ASTM D6130 5	0	67	---
Boron	ppm	ASTM D6130 15	0	20	---
Molybdenum	ppm	ASTM D6130 110	150	357	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130 >15	3	27	---
Aluminum	ppm	ASTM D6130 >10	2	10	---
Copper	ppm	ASTM D6130 >10	0	1	---
Lead	ppm	ASTM D6130 >10	0	<1	---
Tin	ppm	ASTM D6130 >10	0	2	---
Zinc	ppm	ASTM D6130	1	4	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	0	39	---

CARRIER SALTS

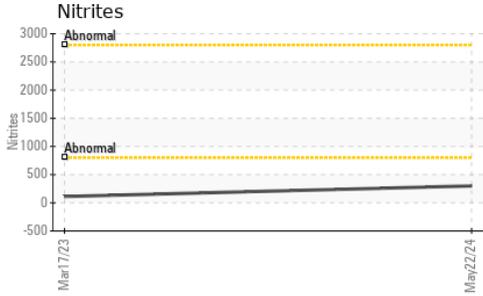
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130 2400	3532	5192	---
Potassium	ppm	ASTM D6130 5	189	479	---

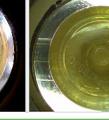
SCALE POTENTIAL

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

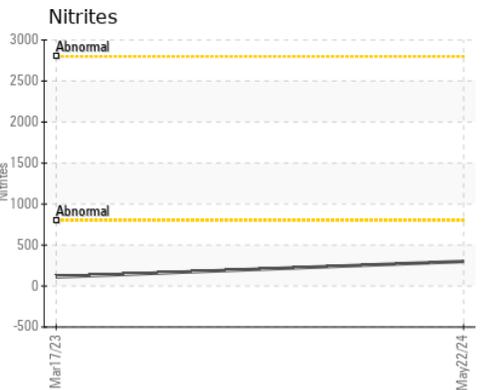
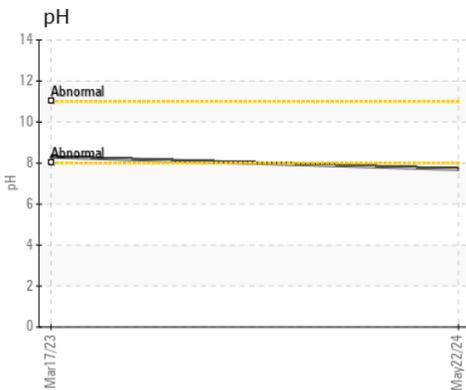
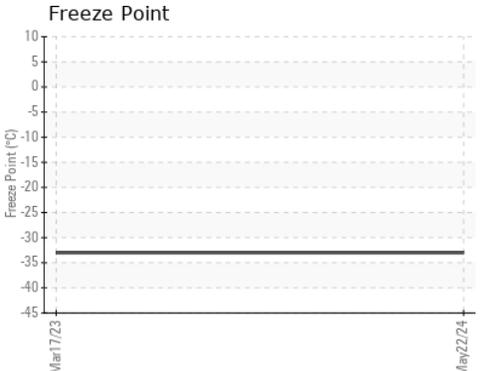
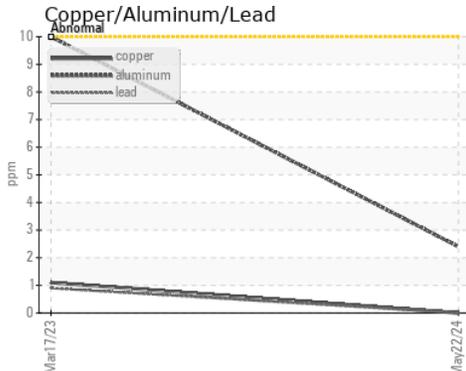
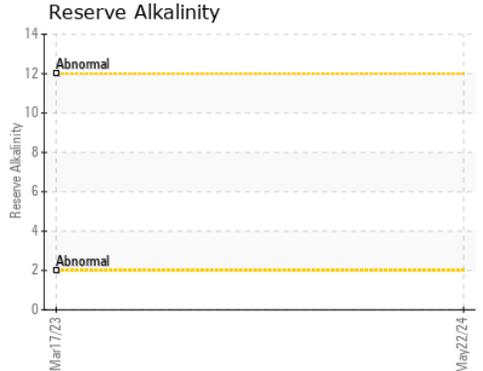
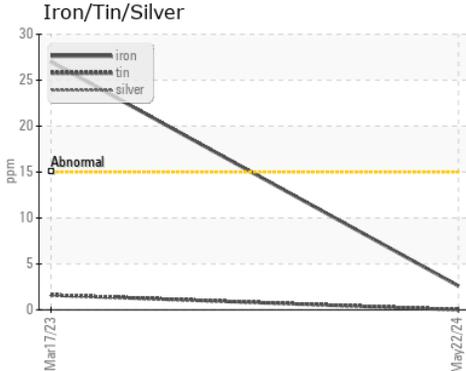


COOLANT REPORT



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



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015983 **Received** : 31 May 2024
Lab Number : **06197202** **Tested** : 03 Jun 2024
Unique Number : 11059325 **Diagnosed** : 04 Jun 2024 - Jonathan Hester
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

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)