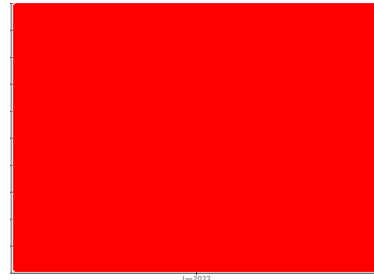




COOLANT REPORT

Sample Rating Trend



WEAR



Area
MARYNEAL [200006807]
 Machine Id
87025 SITE 30
 Component
Coolant
 Fluid
ISENTHAL VARIDOS 45 (--- LTR)

DIAGNOSIS

▲ Recommendation

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

▲ Corrosion

Metal levels are abnormal indicating 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		NX009342	---	---
Sample Date	Client Info		10 Jan 2022	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			SEVERE	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
pH	Scale 0-14	ASTM D1287	8.5	8.59	---
Nitrites	ppm	AP-053:2009	260	224	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---
Percentage Glycol	%	ASTM D3321	45	43	---
Freezing Point	°F	ASTM D3321	-24	-23	---
Total Dissolved Solids				147.0	---
Carboxylate				n/a	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	25	40	---
Phosphorus	ppm	ASTM D6130	140	106	---
Boron	ppm	ASTM D6130	0	0	---
Molybdenum	ppm	ASTM D6130	1075	1010	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	▲ 67	---
Aluminum	ppm	ASTM D6130	>10	▲ 94	---
Copper	ppm	ASTM D6130	>10	<1	---
Lead	ppm	ASTM D6130	>10	<1	---
Tin	ppm	ASTM D6130	>10	<1	---
Zinc	ppm	ASTM D6130		25	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		67	---

CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	1075	637	---
Potassium	ppm	ASTM D6130	5	617	---

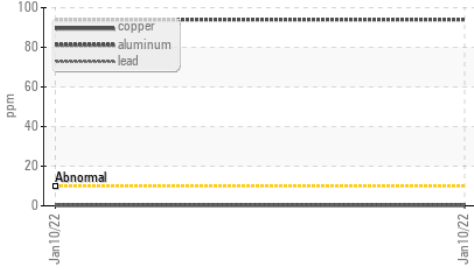
SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		36	---
Magnesium	ppm	ASTM D6130		9	---



COOLANT REPORT

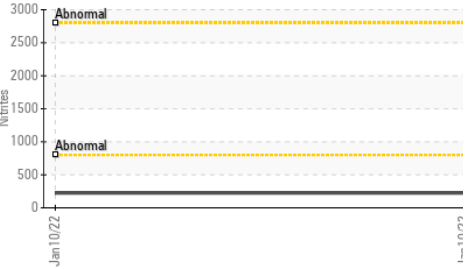
▲ Copper/Aluminum/Lead

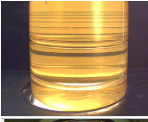



▲ Iron/Tin/Silver



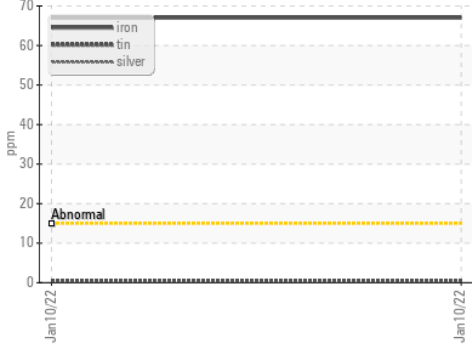
Nitrites



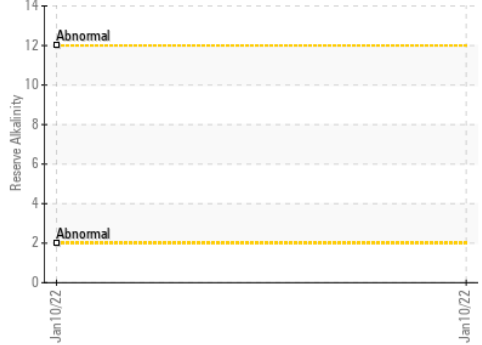
VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual	DkYlw	Yllow	---	---
Coolant Appearance	*Visual	Clear	normal	---	---
Color				no image	no image
Bottom				no image	no image

GRAPHS

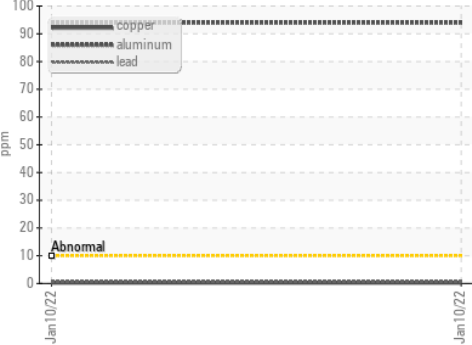
▲ Iron/Tin/Silver



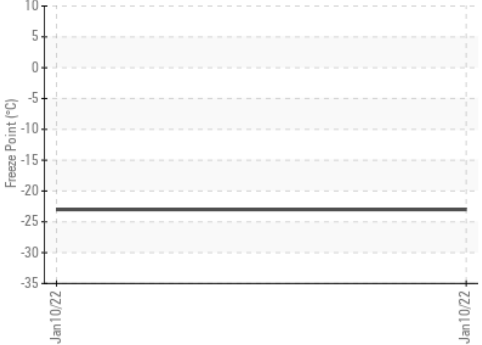
Reserve Alkalinity



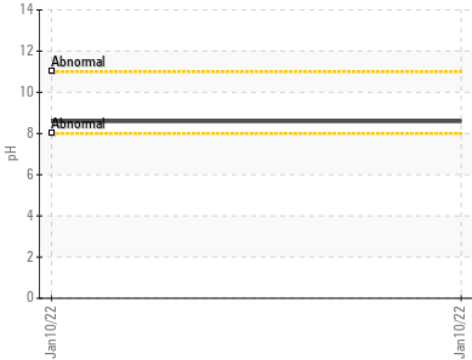
▲ Copper/Aluminum/Lead



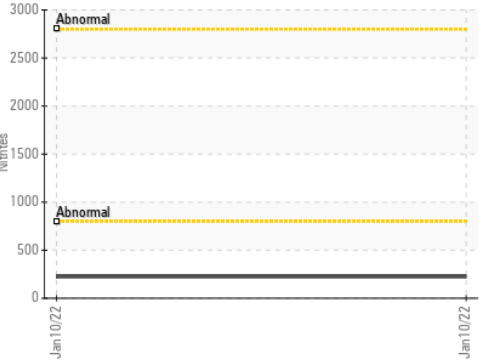
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX009342
Lab Number : 05457579
Unique Number : 9831774
Test Package : COOL- (Additional Tests: COOL, ICP)

Received : 01 Feb 2022
Tested : 07 Feb 2022
Diagnosed : 07 Feb 2022 - Doug Bogart

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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