



COOLANT REPORT

Sample Rating Trend



WEAR



Area

[200007683]

Machine Id

05WEA88422 - A-05 (S/N W-122275)

Component

Coolant

Fluid

{not provided} (--- LTR)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

▲ Corrosion

The aluminum level is abnormal.

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		NX015757	---	---
Sample Date	Client Info		01 May 2024	---	---
Machine Age	hrs	Client Info	18593272	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		---	---	---
Specific Gravity	*ASTM D1298		1.060	---	---
pH	Scale 0-14	ASTM D1287	7.88	---	---
Nitrites	ppm	AP-053:2009	448	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	---	---	---
Percentage Glycol	%	ASTM D3321	44.7	---	---
Freezing Point	°F	ASTM D3321	-21	---	---
Total Dissolved Solids			243.5	---	---
Carboxylate			n/a	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	2	---	---
Phosphorus	ppm	ASTM D6130	0	---	---
Boron	ppm	ASTM D6130	0	---	---
Molybdenum	ppm	ASTM D6130	160	---	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	<1	---
Aluminum	ppm	ASTM D6130	>10	▲ 13	---
Copper	ppm	ASTM D6130	>10	<1	---
Lead	ppm	ASTM D6130	>10	0	---
Tin	ppm	ASTM D6130	>10	0	---
Zinc	ppm	ASTM D6130		8	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		5	---

CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130		3062	---
Potassium	ppm	ASTM D6130		442	---

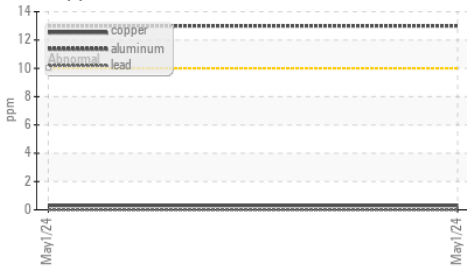
SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		1	---
Magnesium	ppm	ASTM D6130		2	---

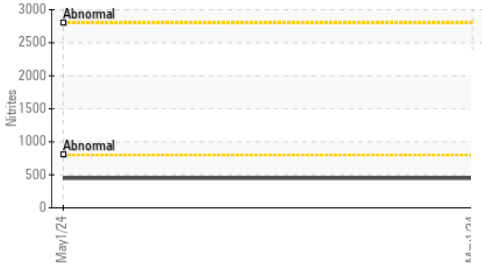




COOLANT REPORT

▲ Copper/Aluminum/Lead



Nitrites



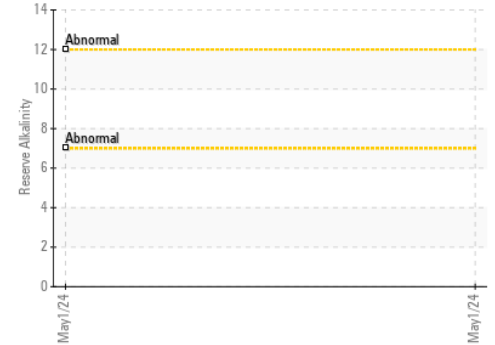
VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		Yllow	---	---
Coolant Appearance	*Visual	Clear	normal	---	---
Color				no image	no image
Bottom				no image	no image

GRAPHS

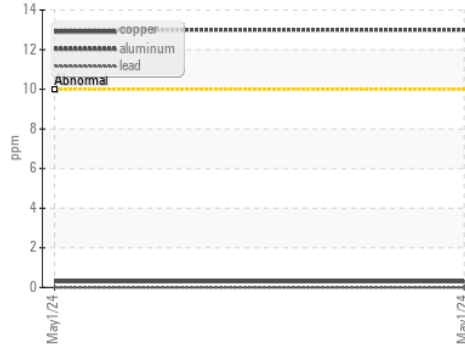
Iron/Tin/Silver



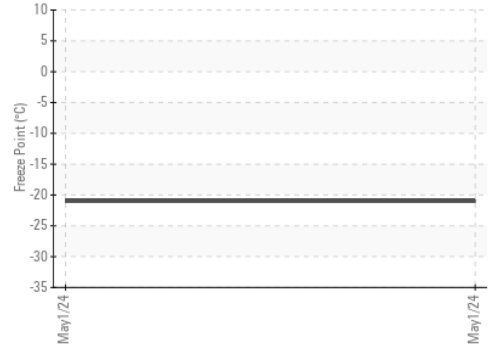
Reserve Alkalinity



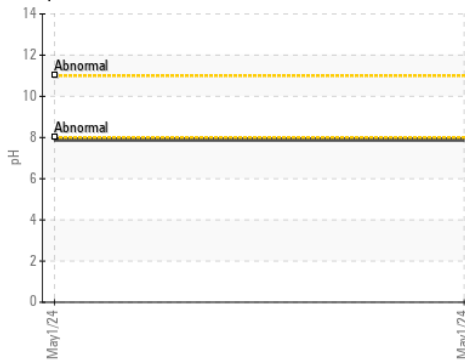
▲ Copper/Aluminum/Lead



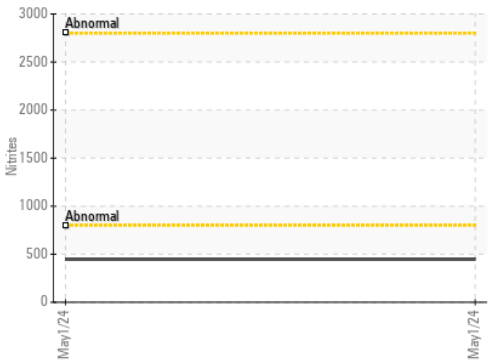
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : NX015757

Lab Number : 06211191

Unique Number : 11084055

Test Package : COOL- (Additional Tests: GlycolType, ICP)

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)

Received : 14 Jun 2024

Tested : 20 Jun 2024

Diagnosed : 20 Jun 2024 - Jonathan Hester

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