



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

THUNDER SPIRIT [200009532]

Machine Id

29WEA84016 - CONVERTER (S/N EWP 01527)

Component

Coolant

Fluid

INTERCOOL ETHYLENE GLYCOL (--- LTR)

RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		NX015562	NX004403	---
Sample Date		Client Info		28 Mar 2024	07 Apr 2022	---
Machine Age	hrs	Client Info		57492	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D6130	>15	1	0	---
Aluminum	ppm	ASTM D6130	>10	0	0	---
Copper	ppm	ASTM D6130	>10	1	<1	---
Lead	ppm	ASTM D6130	>10	0	<1	---
Tin	ppm	ASTM D6130	>10	0	0	---
Zinc	ppm	ASTM D6130	>10	0	0	---

CONTAMINANTS

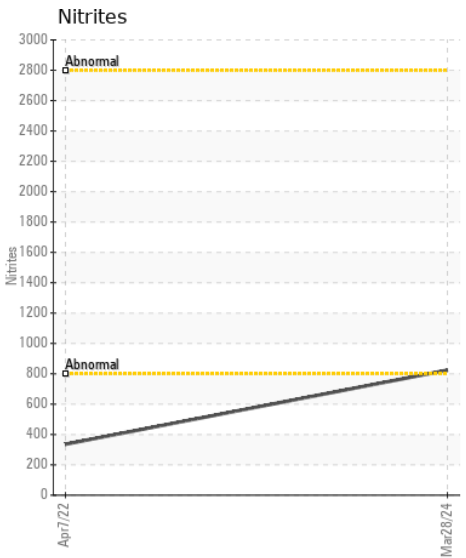
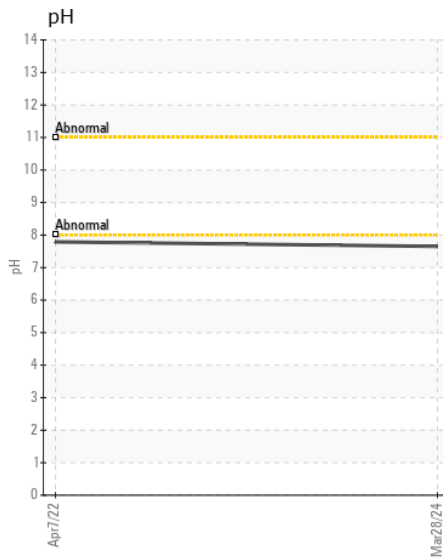
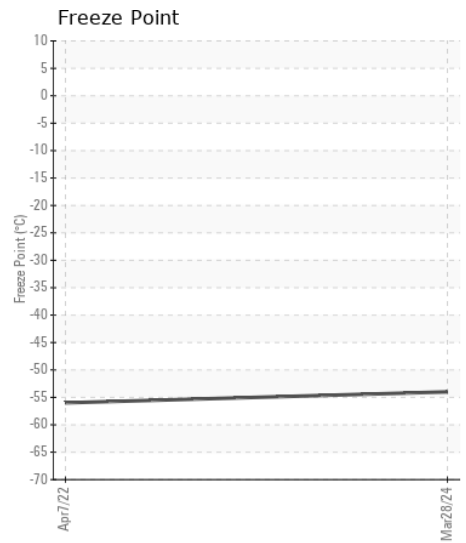
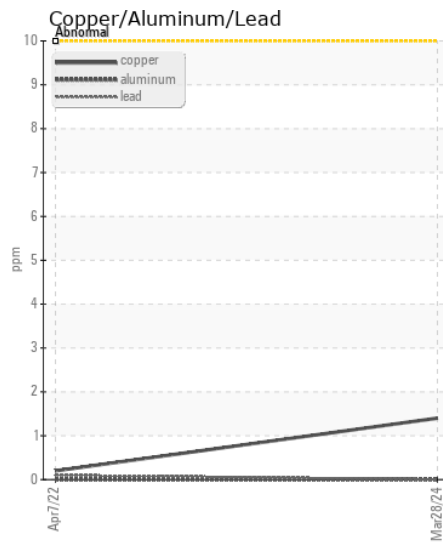
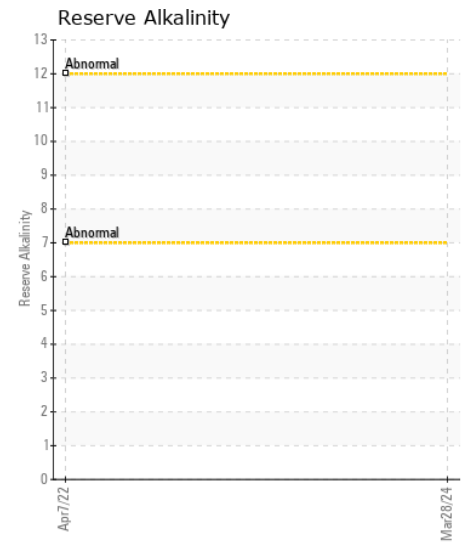
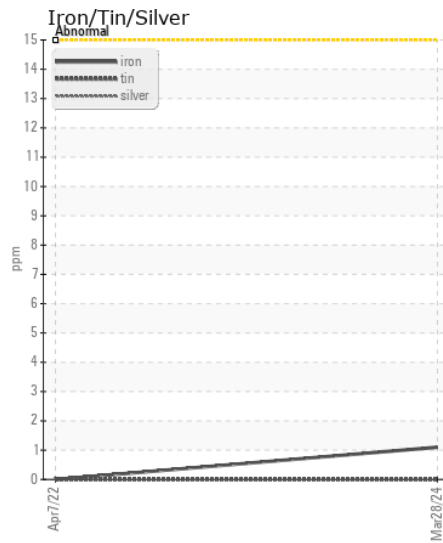
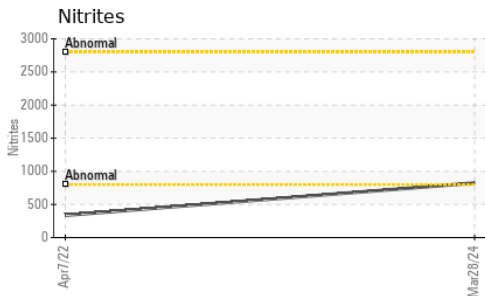
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D6130		0	0	---
Chlorine	ppm	ASTM D6130		0	0	---
Magnesium	ppm	ASTM D6130		2	2	---
Total Dissolved Solids				253.0	317.5	---
Coolant Appearance		*Visual	Clear	normal	normal	---

COOLANT CONDITION

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method		229	---	---
Specific Gravity		*ASTM D1298		1.077	1.079	---
pH	Scale 0-14	ASTM D1287		7.65	7.79	---
Nitrites	ppm	AP-053:2009		824	336	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		58.0	59.6	---
Freezing Point	°F	ASTM D3321		-54	-56	---
Carboxylate				n/a	n/a	---
Silicon	ppm	ASTM D6130		20	22	---
Phosphorus	ppm	ASTM D6130		2101	1063	---
Boron	ppm	ASTM D6130		410	430	---
Molybdenum	ppm	ASTM D6130		27	3	---
Sodium	ppm	ASTM D6130		564	347	---
Potassium	ppm	ASTM D6130		5720	2402	---
Coolant Color		*Visual		Orange	Orange	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX015562
Lab Number : 06190895
Unique Number : 11047647
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType, ICP)

Received : 24 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Jonathan Hester

NORDEX USA - Chicago
 300 SOUTH WACKER DRIVE, SUITE 1500
 CHICAGO, IL
 US 60606

Contact: DEREK BRACKEL
 DBRACKEL@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)

T: (701)209-0326
 F: (312)386-7102