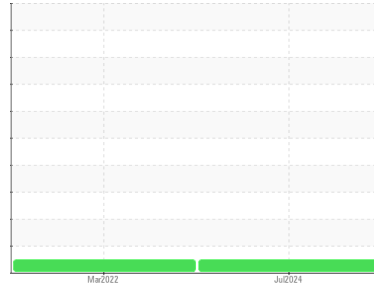




COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id
WINDSOR REGIONAL #1
 Component
Coolant
 Fluid
CONVENTIONAL COOLANT (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

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

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0849184	WC0569033	---
Sample Date	Client Info			09 Jul 2024	08 Mar 2022	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed	Client Info			N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Glycol Type	FT-IR			UNK	---	---
Specific Gravity	ASTM D1298*			1.065	1.067	---
pH	Scale 0-14	ASTM D1287*	9.5	9.09	9.13	---
Nitrites	ppm	Alcan Test Kit*	1500	1000	960	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	2.8	3.0	---
Percentage Glycol	%	ASTM D3321*	50	48.5	50.0	---
Freezing Point	°C	ASTM D3321*	-40	-35	-38	---
Carboxylate				---	---	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		41	33	---
Phosphorus	ppm	ASTM D5185(m)		292	268	---
Boron	ppm	ASTM D5185(m)		186	214	---
Molybdenum	ppm	ASTM D5185(m)		49	49	---

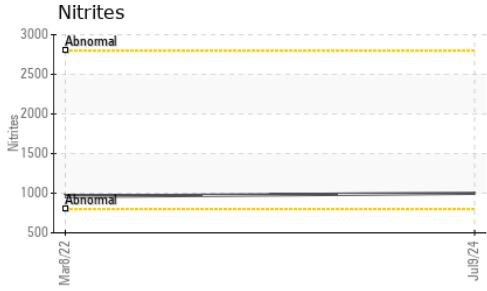
CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	0	2	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	2	---
Copper	ppm	ASTM D5185(m)	>10	0	2	---
Lead	ppm	ASTM D5185(m)	>10	4	4	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Silver	ppm	ASTM D5185(m)	>10	0	<1	---
Zinc	ppm	ASTM D5185(m)		<1	<1	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		1325	1090	---
Potassium	ppm	ASTM D5185(m)		1430	1210	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<1	2	---
Magnesium	ppm	ASTM D5185(m)	>40	0	1	---
Hardness	mg/L CaCO3	In-house*	<75	0	8	---

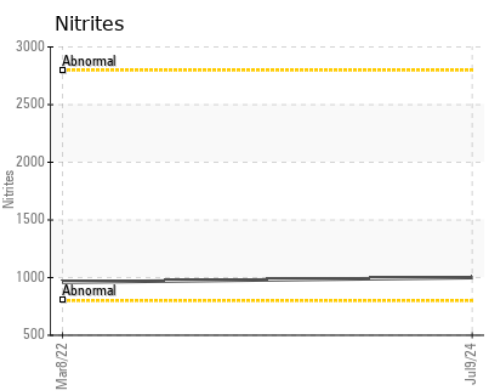
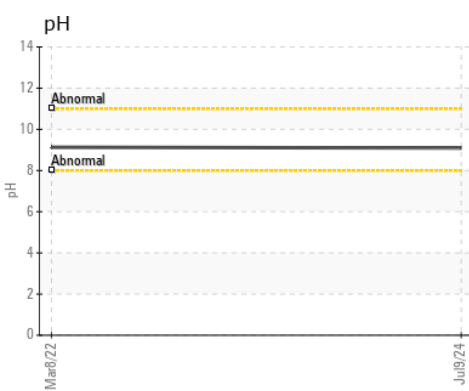
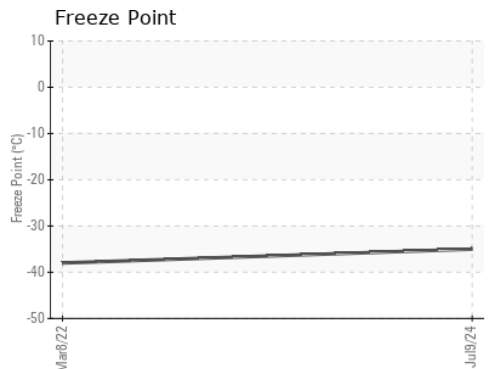
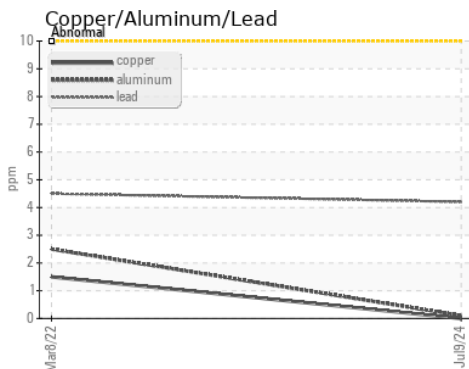
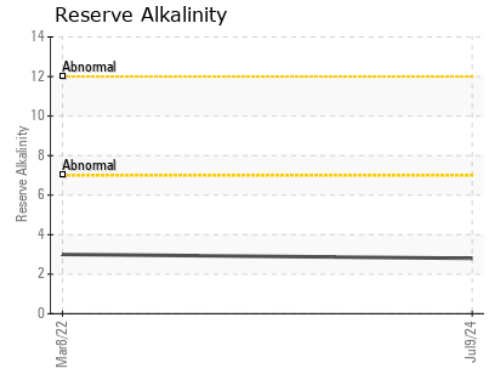
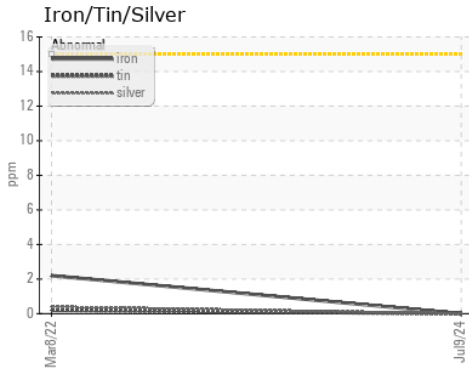


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0849184 **Received** : 10 Jul 2024
Lab Number : **02647245** **Tested** : 10 Jul 2024
Unique Number : 5812797 **Diagnosed** : 11 Jul 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

CF Industrial Products Inc.
 1928 Road 3 East
 Kingsville, ON
 CA N9Y 2E5
 Contact: Dan Hammond
 danh@cfgroups.com
 T: (519)564-2241
 F: (519)322-2916

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.