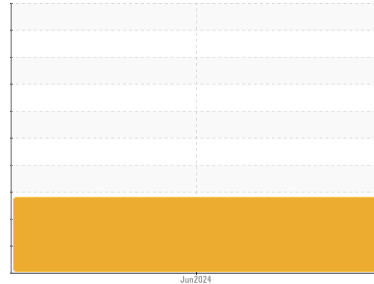




COOLANT REPORT

Sample Rating Trend



SCAS



Machine Id
KOHLER JC Fresh Farms
 Component
Coolant
 Fluid
CONVENTIONAL COOLANT (--- GAL)

DIAGNOSIS

Recommendation

We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations. 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 reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0849191	---	---
Sample Date	Client Info		17 Jun 2024	---	---
Machine Age	hrs	Client Info	0	---	---
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		UNK	---	---
Specific Gravity	ASTM D1298*		1.070	---	---
pH	Scale 0-14	ASTM D1287* 9.5	8.22	---	---
Nitrites	ppm	Alcan Test Kit* 1500	▲ 680	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121* 8.5	▲ 5.1	---	---
Percentage Glycol	%	ASTM D3321* 50	52.6	---	---
Freezing Point	°C	ASTM D3321* -40	-40	---	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	21	---	---
Phosphorus	ppm	ASTM D5185(m)	855	---	---
Boron	ppm	ASTM D5185(m)	122	---	---
Molybdenum	ppm	ASTM D5185(m)	30	---	---

CORROSION

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

CARRIER SALTS

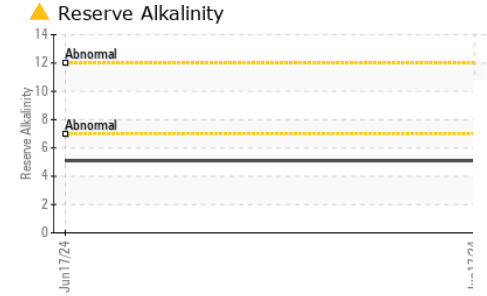
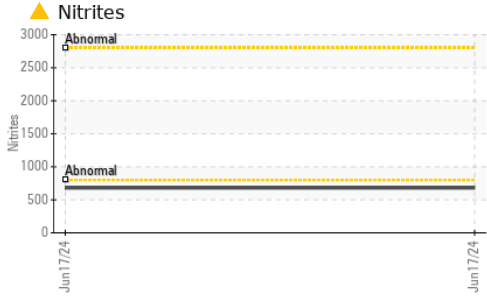
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	1612	---	---
Potassium	ppm	ASTM D5185(m)	1499	---	---

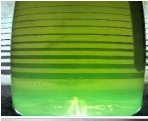

SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m) >100	4	---	---
Magnesium	ppm	ASTM D5185(m) >40	<1	---	---
Hardness	mg/L CaCO3	In-house* <75	12	---	---

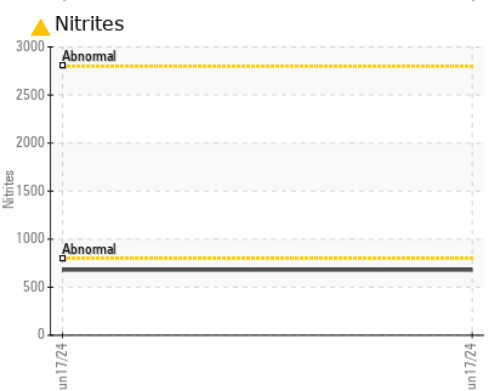
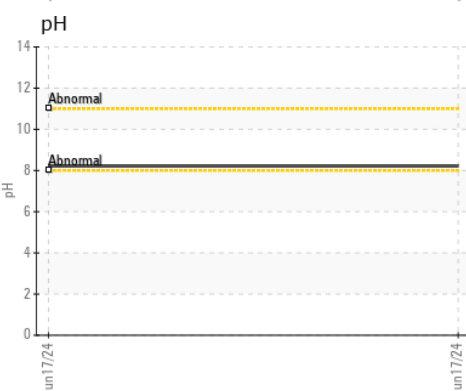
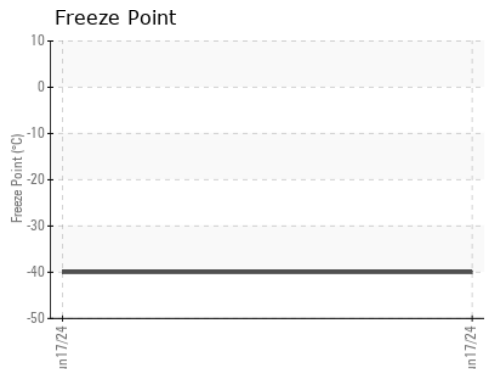
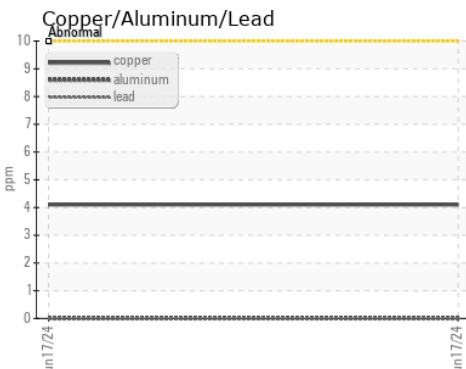
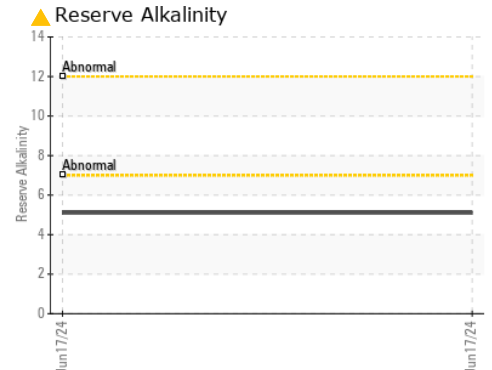
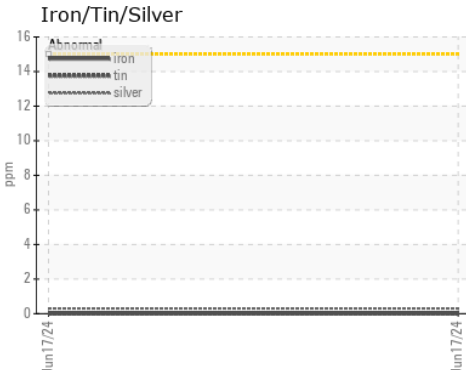


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0849191 **Received** : 28 Jun 2024
Lab Number : **02644712** **Tested** : 28 Jun 2024
Unique Number : 5802251 **Diagnosed** : 02 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.