

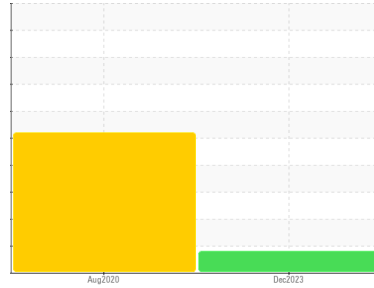


COOLANT REPORT

Sample Rating Trend

APPEARANCE

Area
SCHLEGEL VILLAGES [148516]
 Machine Id
06R0627204
 Component
Coolant
 Fluid
FLEETGUARD ES COMPLEAT (--- GAL)



DIAGNOSIS

Recommendation

The coolant change at the time of sampling has been noted. 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 coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		CU0021878	CU0016348	---
Sample Date	Client Info		05 Dec 2023	18 Aug 2020	---
Machine Age	hrs	Client Info	314	0	---
Oil Age	hrs	Client Info	1	0	---
Oil Changed	Client Info		Changed	N/A	---
Sample Status			ABNORMAL	ABNORMAL	---

PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.07	1.067	1.071	---
pH	Scale 0-14	ASTM D1287*	8.97	7.93	---
Nitrites	ppm	Alcan Test Kit*	720	▲ 480	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.4	▲ 3.1	---
Percentage Glycol	%	ASTM D3321*	49.7	53.0	---
Freezing Point	°C	ASTM D3321*	-33	-42	---
Carboxylate			---	---	---

CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	47	20	---
Phosphorus	ppm	ASTM D5185(m)	802	649	---
Boron	ppm	ASTM D5185(m)	214	195	---
Molybdenum	ppm	ASTM D5185(m)	305	57	---

CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	3	5
Aluminum	ppm	ASTM D5185(m)	>10	2	<1
Copper	ppm	ASTM D5185(m)	>10	7	▲ 41
Lead	ppm	ASTM D5185(m)	>10	0	2
Tin	ppm	ASTM D5185(m)	>10	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<1	<1

CARRIER SALTS

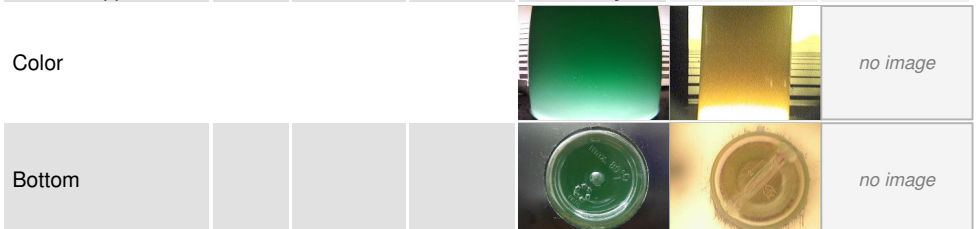
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)	1172	1109	---
Potassium	ppm	ASTM D5185(m)	6347	2607	---

SCALE POTENTIAL

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

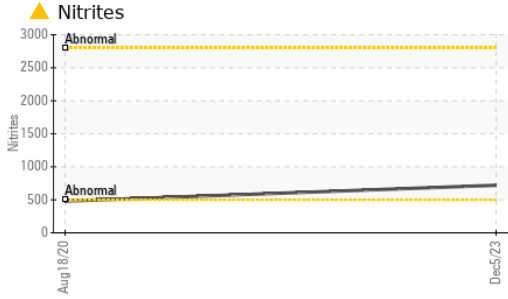
VISUAL

	method	limit/base	current	history1	history2
Coolant Color	Visual*	Blue	Green	Green	---
Coolant Appearance	Visual*	Clear	▲ Cloudy	Clear	---

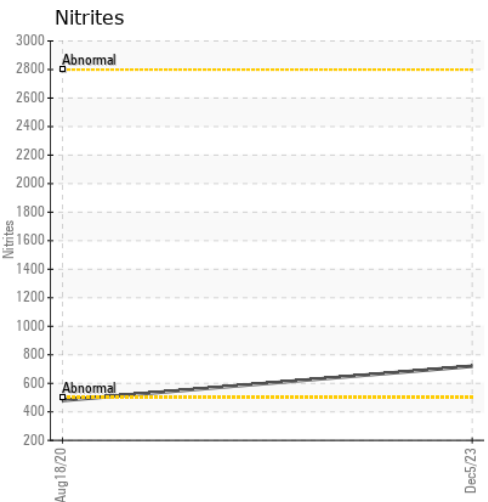
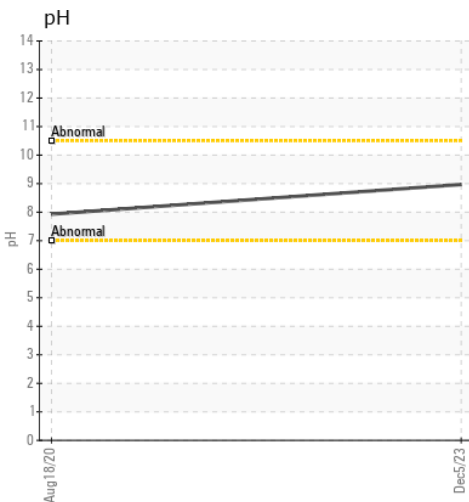
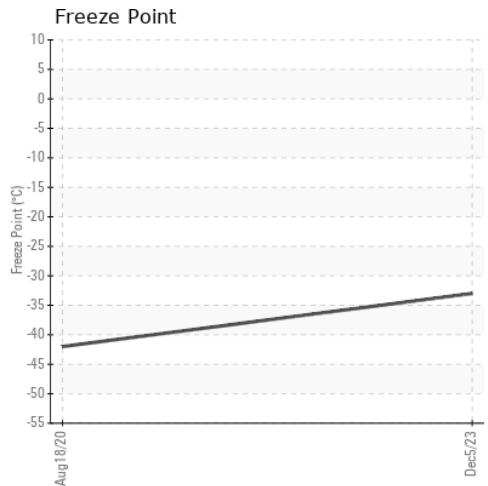
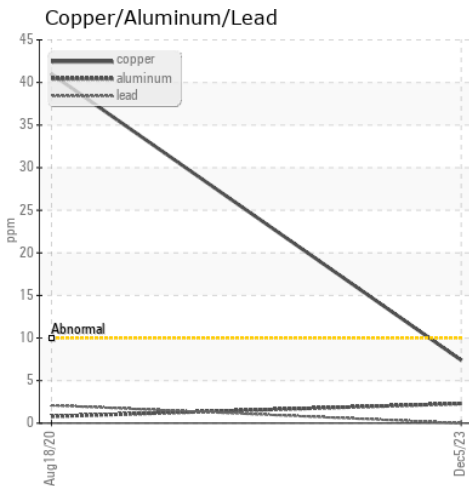
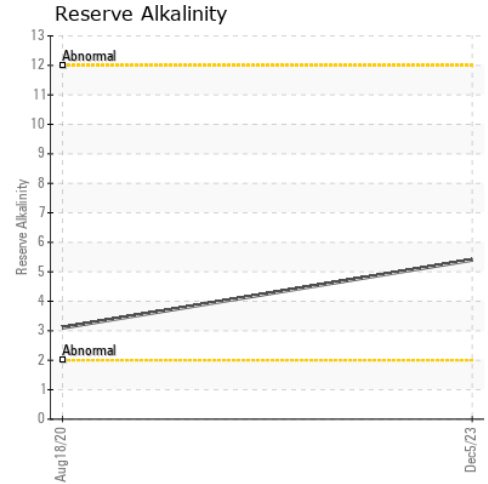
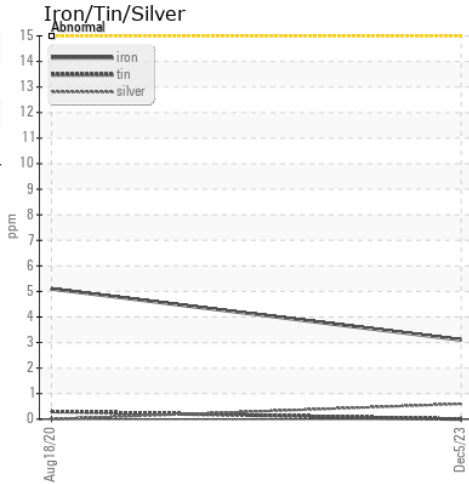




COOLANT REPORT



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0021878 **Received** : 19 Jan 2024 **7175 PACIFIC CIRCLE**
Lab Number : 02610050 **Diagnosed** : 19 Jan 2024 **MISSISSAUGA, ON**
Unique Number : 5711136 **Diagnostician** : Kevin Marson **CA L5T 2A5**
Test Package : COOL

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.

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