



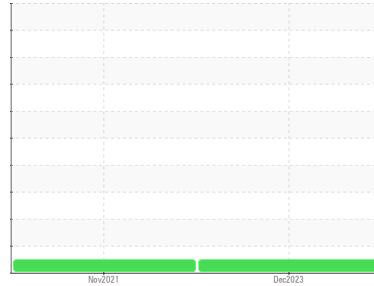
COOLANT REPORT

Sample Rating Trend

NORMAL



Area
FREEDOM MOBILE [151950]
 Machine Id
79445792
 Component
Coolant
 Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is . Please confirm the coolant type and grade, and specify the brand of the coolant on your next sample.

Corrosion

All component wear rates are normal.

Contaminants

There is no indication of any contamination in the coolant.

Coolant Condition

The condition of the coolant is acceptable for the time in service.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	CU0022386	CU0018536	---
Sample Date	Client Info	14 Dec 2023	15 Nov 2021	---
Machine Age	hrs	211	180	---
Oil Age	hrs	0	0	---
Oil Changed	Client Info	Changed	Not Changd	---
Sample Status		NORMAL	NORMAL	---

PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.070	1.067	---
pH	Scale 0-14	8.65	8.79	---
Nitrites	Alcan Test Kit*	1600	1200	---
Reserve Alkalinity	Scale 0-20	8.0	6.3	---
Percentage Glycol	%	52.1	50.0	---
Freezing Point	°C	-40	-37	---
Carboxylate		---	---	---

CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	62	58	---
Phosphorus	ppm	1160	889	---
Boron	ppm	255	292	---
Molybdenum	ppm	445	512	---

CORROSION

method	limit/base	current	history1	history2
Iron	ppm	0	<1	---
Aluminum	ppm	4	7	---
Copper	ppm	<1	2	---
Lead	ppm	0	<1	---
Tin	ppm	0	<1	---
Silver	ppm	<1	<1	---
Zinc	ppm	0	1	---

CARRIER SALTS

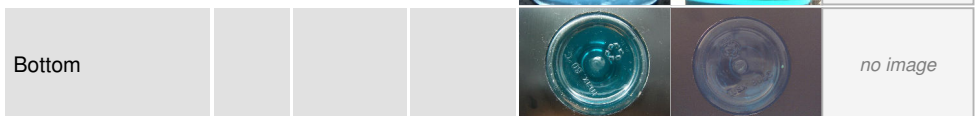
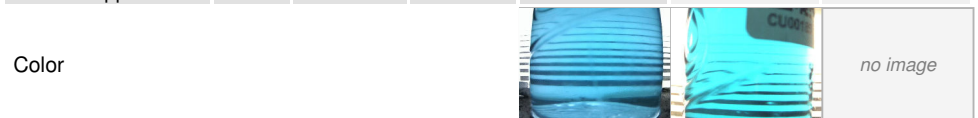
method	limit/base	current	history1	history2
Sodium	ppm	1509	1105	---
Potassium	ppm	8146	2239	---

SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	1	2	---
Magnesium	ppm	<1	1	---
Hardness	mg/L CaCO3	2	---	---

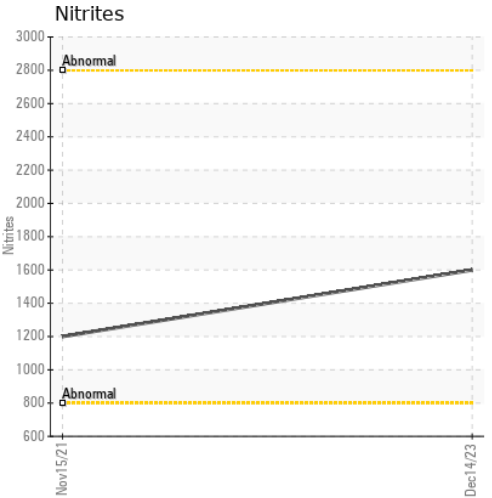
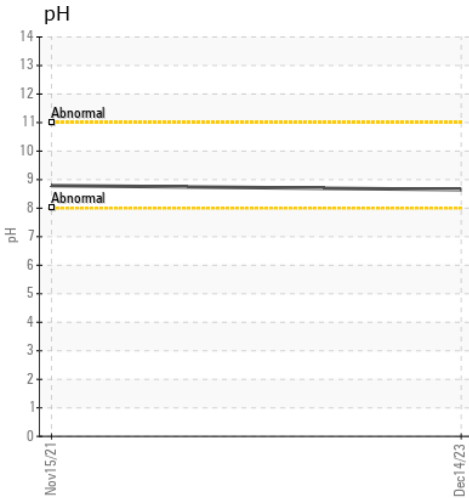
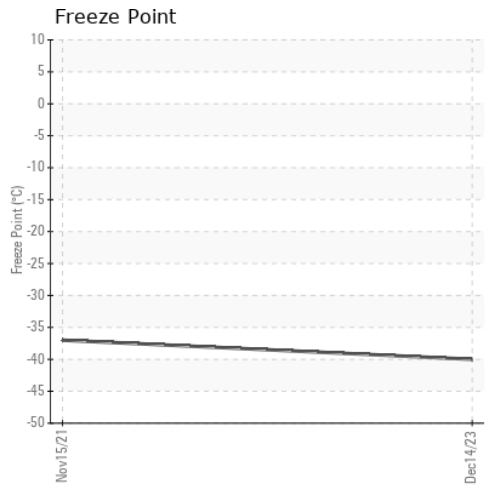
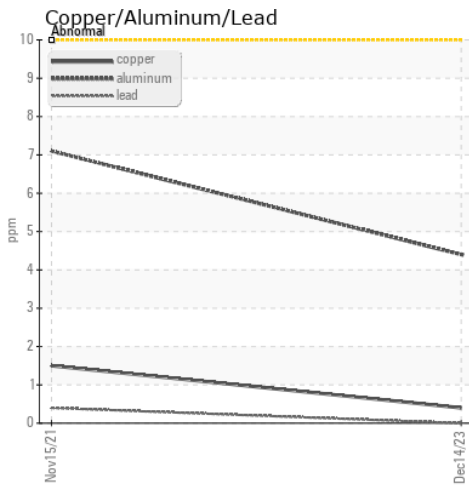
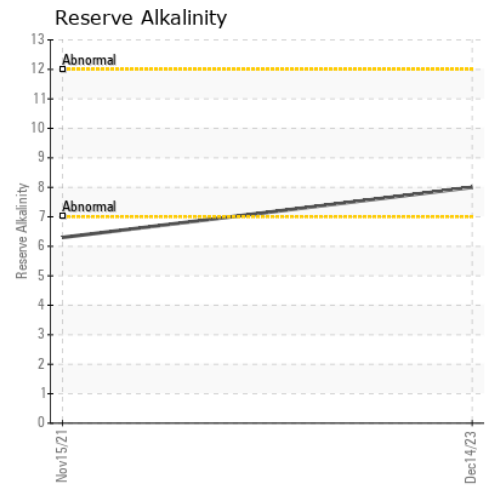
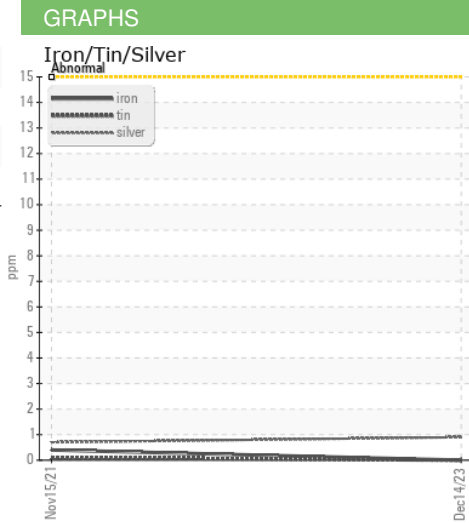
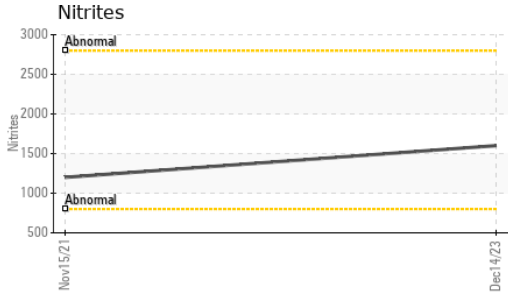
VISUAL

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





COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0022386 **Received** : 20 Dec 2023 7175 PACIFIC CIRCLE
Lab Number : 02604518 **Diagnosed** : 20 Dec 2023 MISSISSAUGA, ON
Unique Number : 5697603 **Diagnostician** : Wes Davis 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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