



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
EPIC INVESTMENT [150273]

Machine Id
80374401

Component
Coolant

Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0022357	CU0019502	---
Sample Date		Client Info		15 Dec 2023	29 Jan 2023	---
Machine Age	hrs	Client Info		58	33	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Sample Status				NORMAL	NORMAL	---

CORROSION

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>15	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	2	3	---
Copper	ppm	ASTM D5185(m)	>10	<1	2	---
Lead	ppm	ASTM D5185(m)	>10	0	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	<1	0	---
Zinc	ppm	ASTM D5185(m)	>10	0	<1	---

CONTAMINANTS

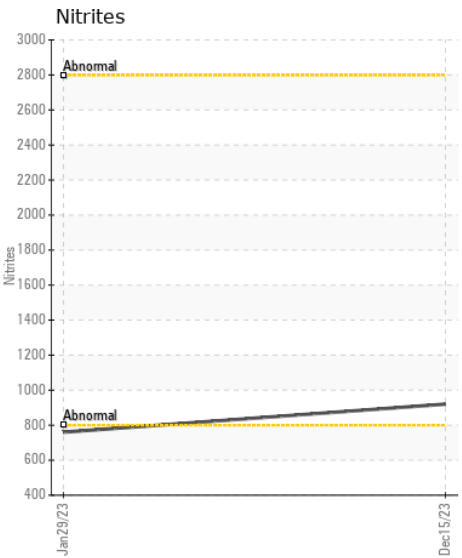
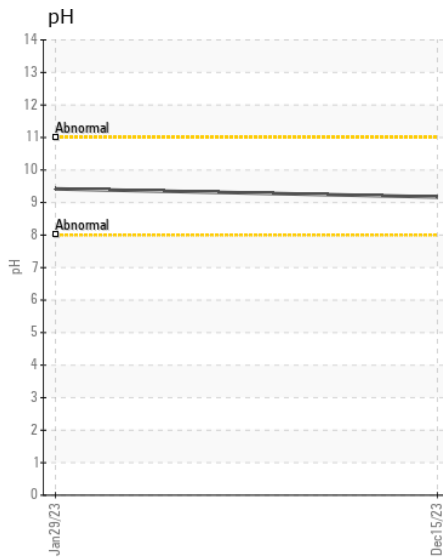
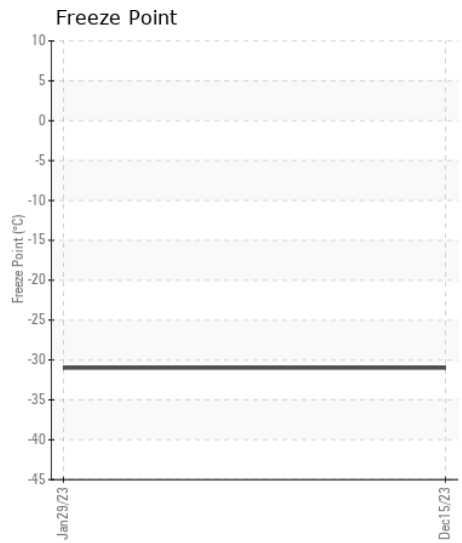
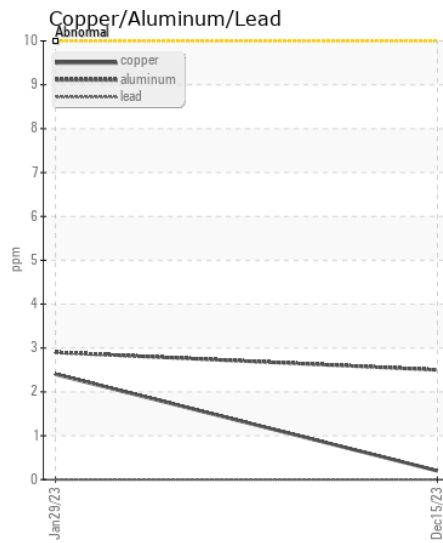
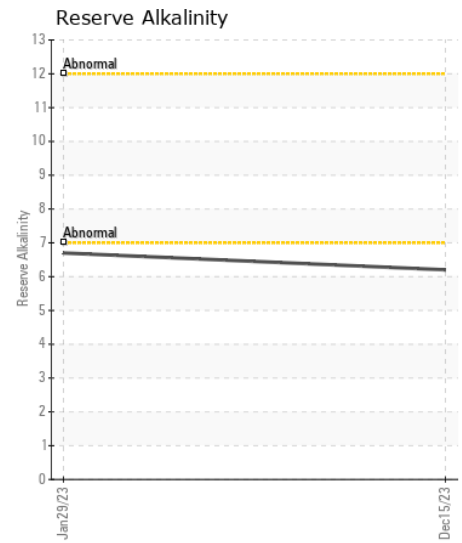
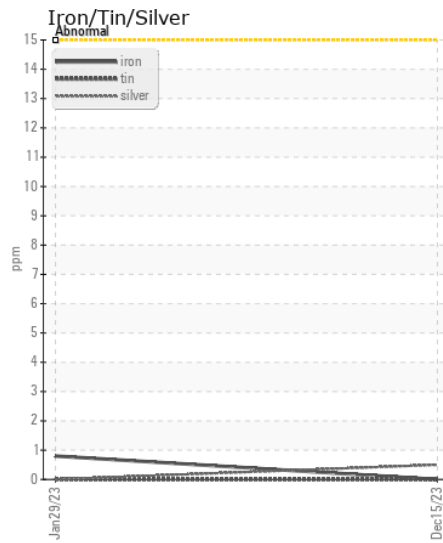
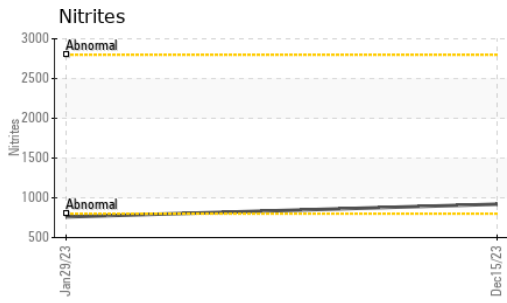
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	1	---
Magnesium	ppm	ASTM D5185(m)	>40	0	1	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	Clear	Clear	---

COOLANT CONDITION

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

Specific Gravity		ASTM D1298*		1.066	1.065	---
pH	Scale 0-14	ASTM D1287*		9.17	9.42	---
Nitrites	ppm	Alcan Test Kit*		920	760	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.2	6.7	---
Percentage Glycol	%	ASTM D3321*		48.8	48.7	---
Freezing Point	°C	ASTM D3321*		-31	-31	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		56	54	---
Phosphorus	ppm	ASTM D5185(m)		794	702	---
Boron	ppm	ASTM D5185(m)		236	270	---
Molybdenum	ppm	ASTM D5185(m)		400	465	---
Sodium	ppm	ASTM D5185(m)		1057	1052	---
Potassium	ppm	ASTM D5185(m)		6043	2713	---
Coolant Color		Visual*		Blue	Blue	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0022357 **Received** : 22 Jan 2024 7175 PACIFIC CIRCLE
Lab Number : 02610474 **Diagnosed** : 24 Jan 2024 MISSISSAUGA, ON
Unique Number : 5711560 **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.

Contact: Elisia Johnson
 elisia.johnson@cummins.com
 T: (905)795-0050
 F: (905)795-9252