



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

[155189]

Machine Id

74053480

Component

Coolant

Fluid

EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0023327	CU0015867	---
Sample Date		Client Info		05 Jun 2024	13 Jul 2020	---
Machine Age	hrs	Client Info		141	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	4	---
Copper	ppm	ASTM D5185(m)	>10	0	1	---
Lead	ppm	ASTM D5185(m)	>10	0	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Silver	ppm	ASTM D5185(m)	>10	0	<1	---
Zinc	ppm	ASTM D5185(m)	>10	<1	2	---

CONTAMINANTS

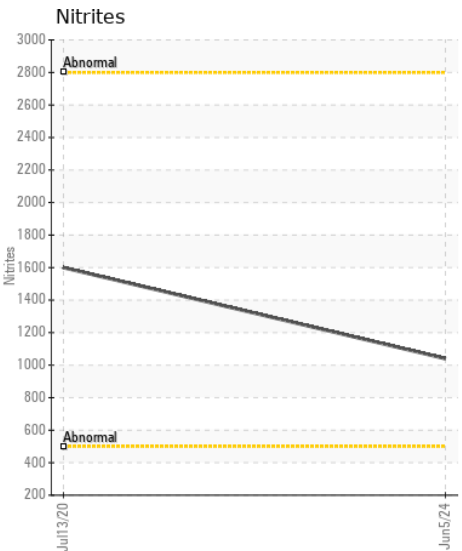
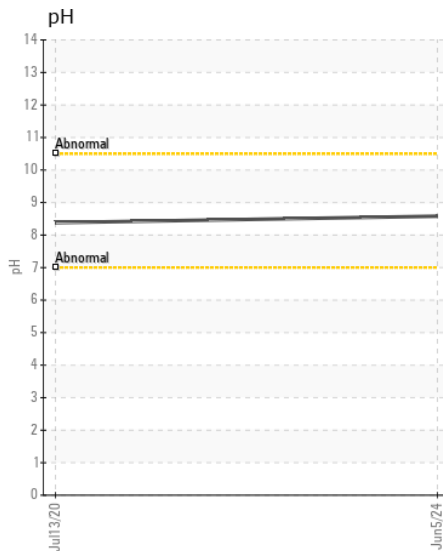
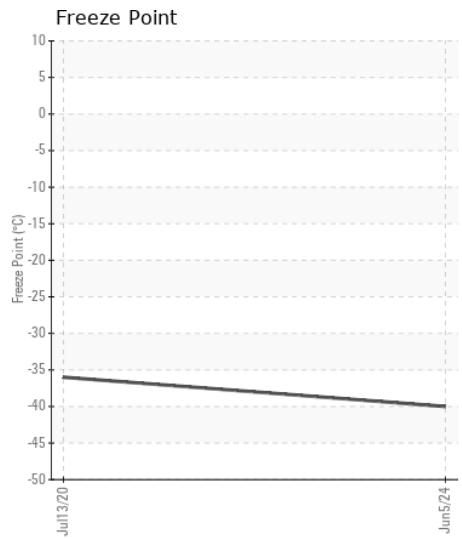
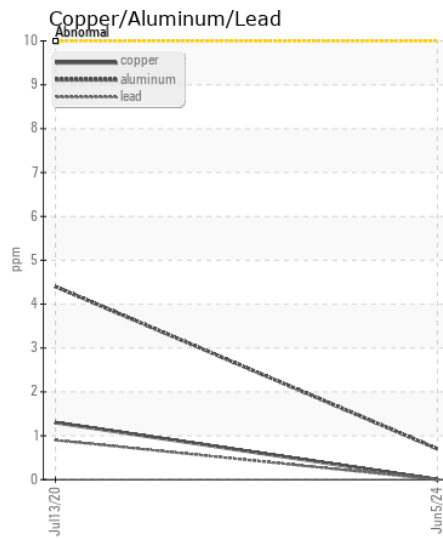
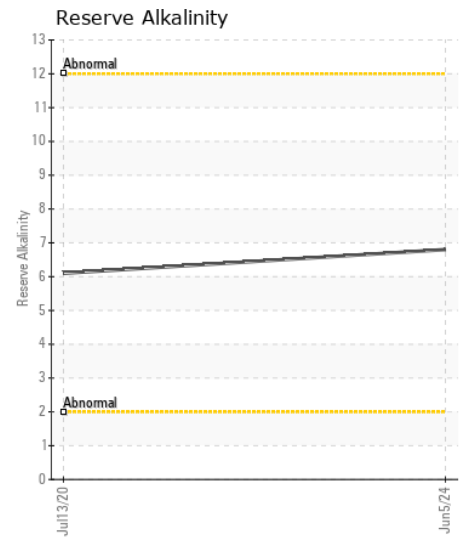
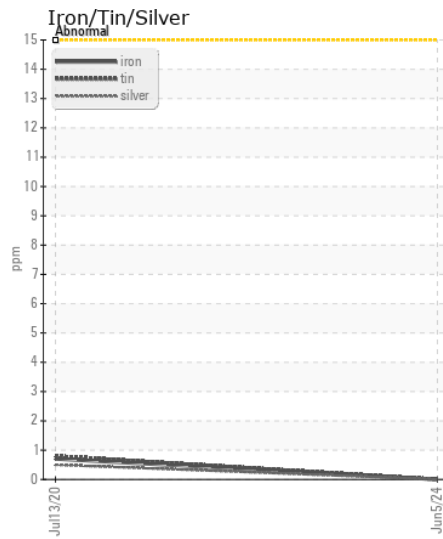
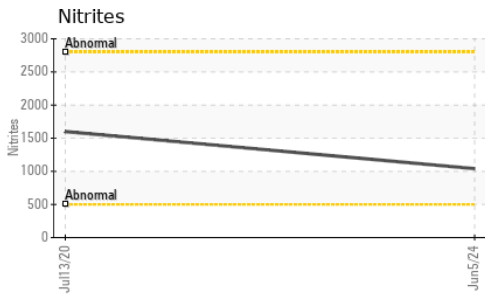
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	0	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	2	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	Clear	Clear	---

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.070	1.067	---
pH	Scale 0-14	ASTM D1287*	9.0	8.58	8.38	---
Nitrites	ppm	Alcan Test Kit*		1040	1600	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.8	6.1	---
Percentage Glycol	%	ASTM D3321*	50	52.0	50.0	---
Freezing Point	°C	ASTM D3321*	-40	-40	-36	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		43	55	---
Phosphorus	ppm	ASTM D5185(m)		894	950	---
Boron	ppm	ASTM D5185(m)		248	307	---
Molybdenum	ppm	ASTM D5185(m)		418	485	---
Sodium	ppm	ASTM D5185(m)		1118	1203	---
Potassium	ppm	ASTM D5185(m)		4587	3667	---
Coolant Color		Visual*	Orange/R	Blue	Blue	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023327
Lab Number : 02643531
Unique Number : 5801070
Test Package : COOL (Additional Tests: GlycolType)
Received : 21 Jun 2024
Tested : 21 Jun 2024
Diagnosed : 21 Jun 2024 - Kevin Marson

CUMMINS CANADA ULC - GENERATOR DIVISION
 7175 PACIFIC CIRCLE
 MISSISSAUGA, ON
 CA L5T 2A5
 Contact: Elisia Johnson
 elisia.johnson@cummins.com
 T: (905)795-0050
 F: (905)795-9252

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.