



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
WOODBINE CASINO [150915]

Machine Id
33143888 UNIT NO. 1

Component
Coolant
Fluid
CONVENTIONAL 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		CU0023321	CU0017969	CU0017667
Sample Date		Client Info		08 Apr 2024	16 Sep 2021	03 May 2021
Machine Age	hrs	Client Info		0	176	145
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	1	8
Aluminum	ppm	ASTM D5185(m)	>10	3	5	3
Copper	ppm	ASTM D5185(m)	>10	2	2	2
Lead	ppm	ASTM D5185(m)	>10	0	<1	1
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	0	<1	2
Zinc	ppm	ASTM D5185(m)	>10	2	2	<1

CONTAMINANTS

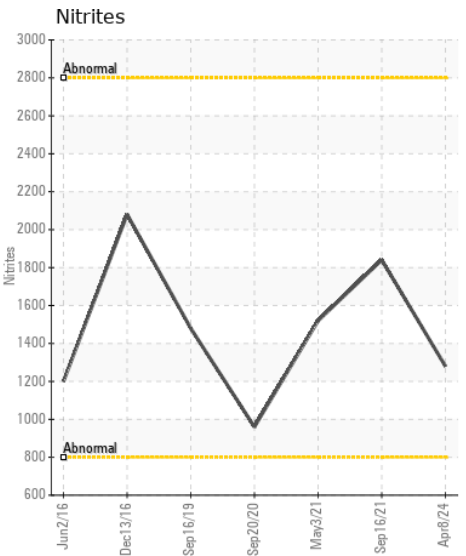
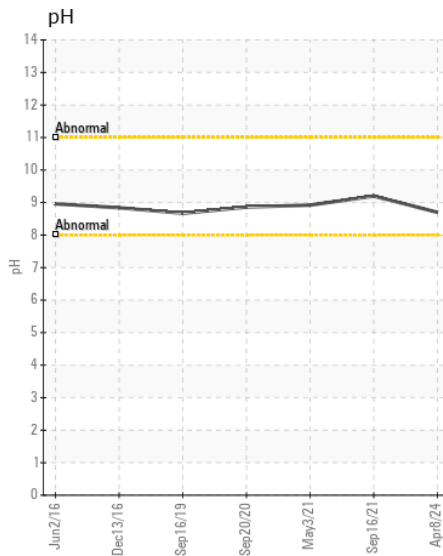
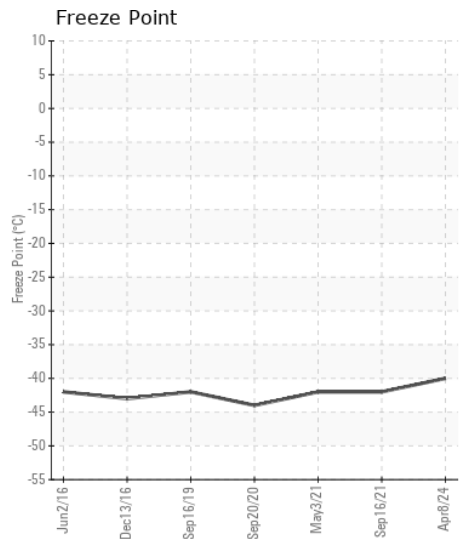
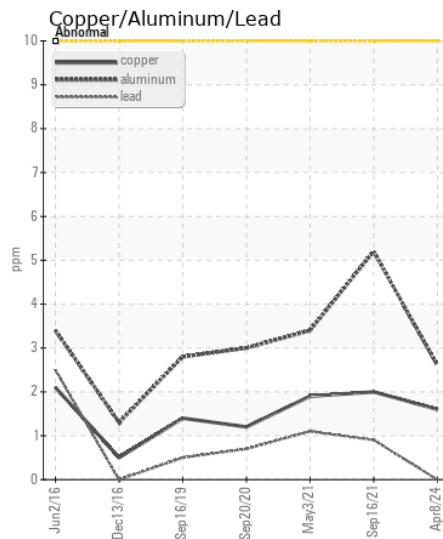
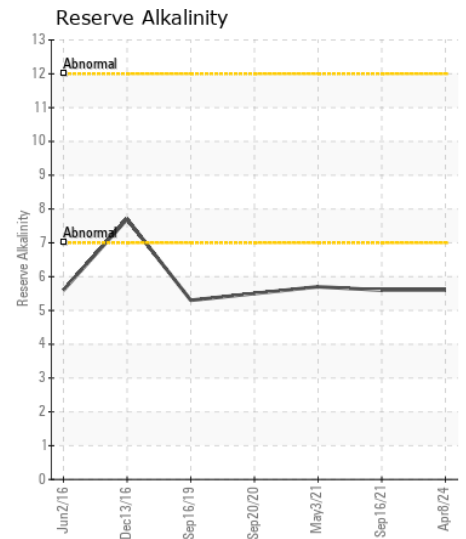
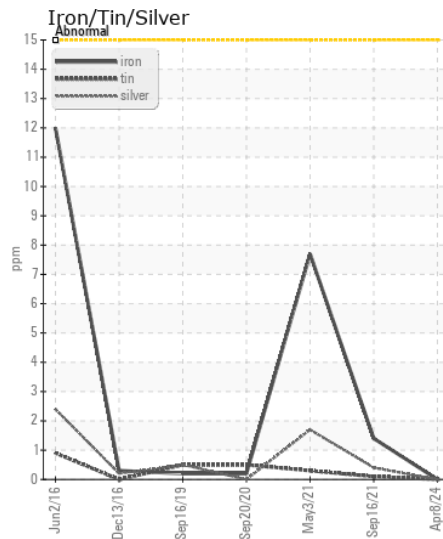
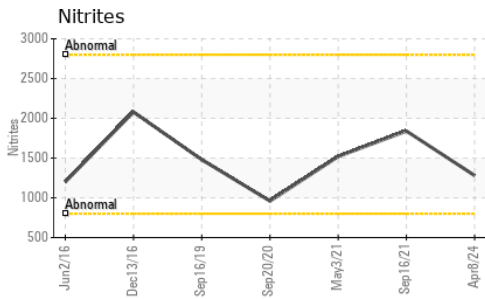
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	2	3
Magnesium	ppm	ASTM D5185(m)	>40	<1	1	<1
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	Clear	Clear

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.070	1.071	1.071
pH	Scale 0-14	ASTM D1287*	9.5	8.70	9.20	8.92
Nitrites	ppm	Alcan Test Kit*	1500	1280	1840	1520
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	5.6	5.6	5.7
Percentage Glycol	%	ASTM D3321*	50	52.8	53.0	53.0
Freezing Point	°C	ASTM D3321*	-40	-40	-42	-42
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		38	43	37
Phosphorus	ppm	ASTM D5185(m)		643	679	734
Boron	ppm	ASTM D5185(m)		234	281	267
Molybdenum	ppm	ASTM D5185(m)		317	387	345
Sodium	ppm	ASTM D5185(m)		1564	1300	1424
Potassium	ppm	ASTM D5185(m)		3189	2061	2615
Coolant Color		Visual*	Green	Green	Green	Green



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023321
Lab Number : 02632114
Unique Number : 5773267
Test Package : COOL (Additional Tests: GlycolType)

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.