



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
LIVE NATION [153672]

Machine Id
45108486

Component
Coolant

Fluid
VALVOLINE ZEREX G-05 ANTI-FREEZE (--- 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		CU0022851	CU0017981	CU0013512
Sample Date		Client Info		23 Apr 2024	23 Jun 2022	10 Apr 2018
Machine Age	hrs	Client Info		267	244	220
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>10	4	6	0
Copper	ppm	ASTM D5185(m)	>10	1	2	1
Lead	ppm	ASTM D5185(m)	>10	0	1	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	<1	<1

CONTAMINANTS

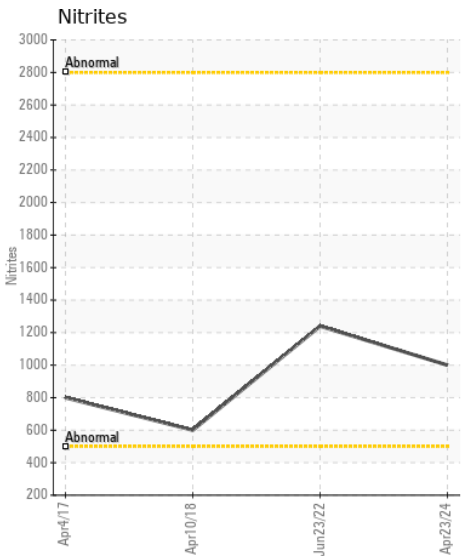
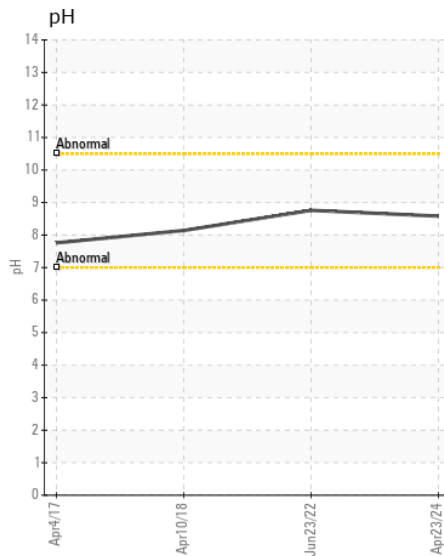
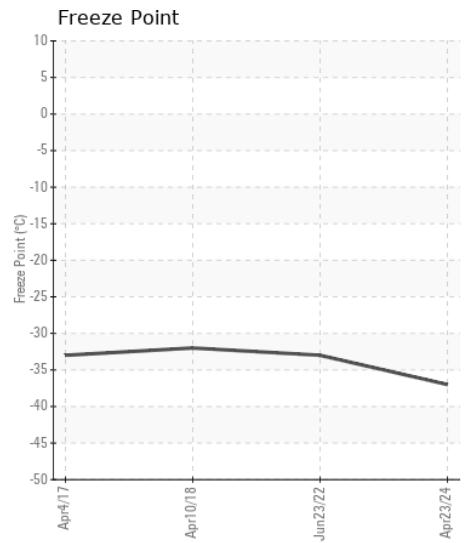
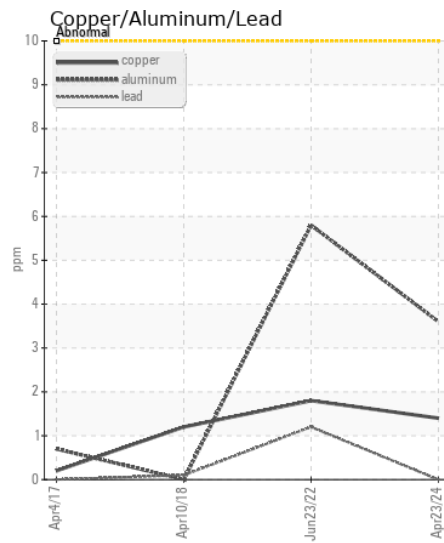
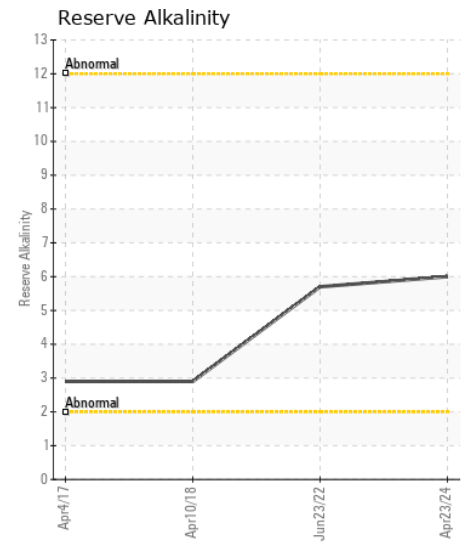
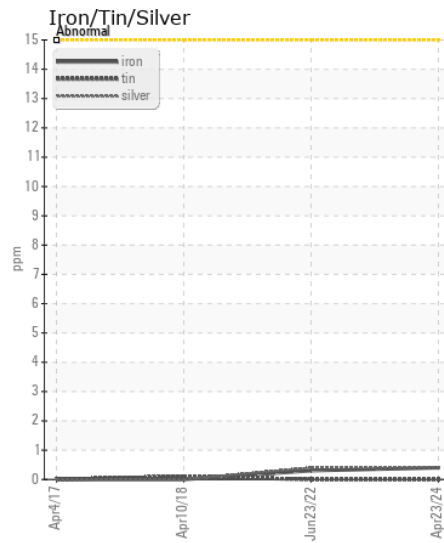
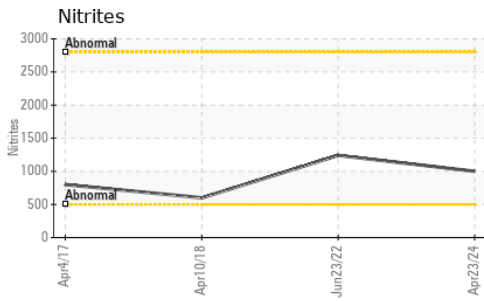
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	4	1	0
Magnesium	ppm	ASTM D5185(m)	>40	<1	<1	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	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*		107	---	---
Specific Gravity		ASTM D1298*	1.060	1.068	1.067	1.063
pH	Scale 0-14	ASTM D1287*	8.0	8.58	8.76	8.14
Nitrites	ppm	Alcan Test Kit*		1000	1240	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*	10.0	6.0	5.7	2.9
Percentage Glycol	%	ASTM D3321*	50	50.2	49.6	46.0
Freezing Point	°C	ASTM D3321*	-36	-37	-33	-32
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)	240	49	53	<1
Phosphorus	ppm	ASTM D5185(m)	0	775	787	968
Boron	ppm	ASTM D5185(m)		230	275	69
Molybdenum	ppm	ASTM D5185(m)		383	445	38
Sodium	ppm	ASTM D5185(m)		1143	1018	973
Potassium	ppm	ASTM D5185(m)		4012	2203	4838
Coolant Color		Visual*	Yello	Blue	Blue	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022851
Lab Number : 02632098
Unique Number : 5773251
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.