COOL KIT

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
CIBC - 750 LAWRENCE [155635]
Machine Id
35226926
Component
Coolant
Fluid
CONVENTIONAL COOLANT (--- GAL)

RECOMMENDATION

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

CORROSION

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

CONTAMINANTS

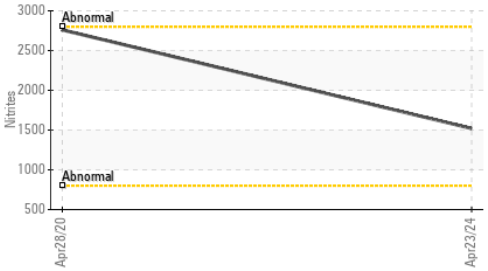
There is no indication of any contamination in the coolant.

COOLANT CONDITION

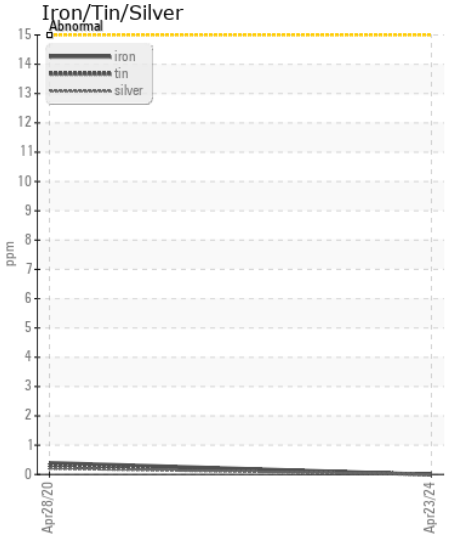
The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		**CU0022722**	CU0016509	---
Sample Date		Client Info		**23 Apr 2024**	28 Apr 2020	---
Machine Age	hrs	Client Info		**382**	272	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**Not Changd**	Not Changd	---
Sample Status				**NORMAL**	NORMAL	---
Iron	ppm	ASTM D5185(m)	>15	**0**	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	**4**	3	---
Copper	ppm	ASTM D5185(m)	>10	**1**	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**	0	---
Calcium	ppm	ASTM D5185(m)	>100	**2**	2	---
Magnesium	ppm	ASTM D5185(m)	>40	**<1**	<1	---
Appearance	scalar	Visual*	NORML	**NORML**	NORML	---
Odor	scalar	Visual*	NORML	**NORML**	NORML	---
Coolant Appearance		Visual*	Clear	**Clear**	Clear	---
Boiling Point	°C	WC Method*		**107**	---	---
Specific Gravity		ASTM D1298*		**1.068**	1.067	---
pH	Scale 0-14	ASTM D1287*	9.5	**8.51**	8.59	---
Nitrites	ppm	Alcan Test Kit*	1500	**1520**	2760	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	**8.1**	8.3	---
Percentage Glycol	%	ASTM D3321*	50	**50.1**	50.0	---
Freezing Point	°C	ASTM D3321*	-40	**-37**	-37	---
Carboxylate				**---**	---	---
Silicon	ppm	ASTM D5185(m)		**53**	50	---
Phosphorus	ppm	ASTM D5185(m)		**913**	1057	---
Boron	ppm	ASTM D5185(m)		**264**	310	---
Molybdenum	ppm	ASTM D5185(m)		**509**	565	---
Sodium	ppm	ASTM D5185(m)		**1614**	1391	---
Potassium	ppm	ASTM D5185(m)		**5438**	3978	---
Coolant Color		Visual*	Green	**Green**	Green	---

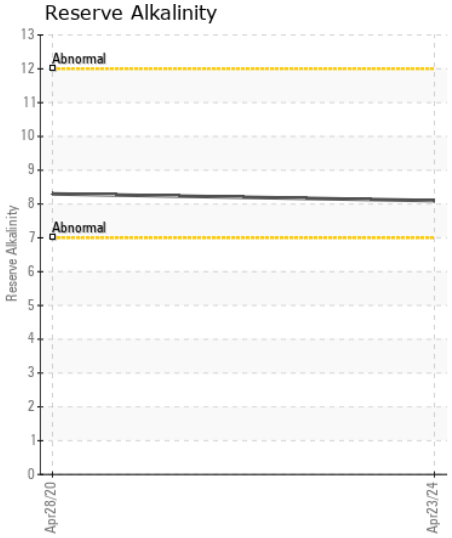
Nitrites



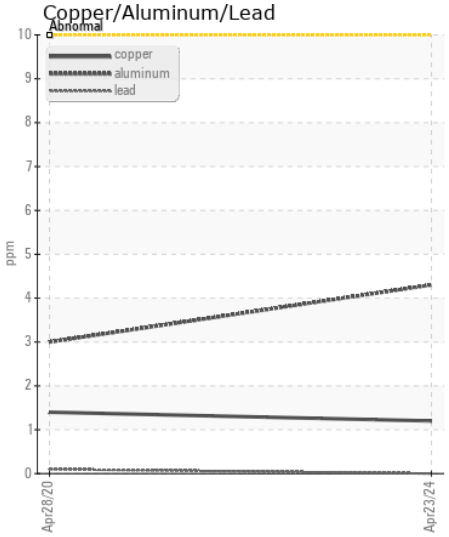
Iron/Tin/Silver



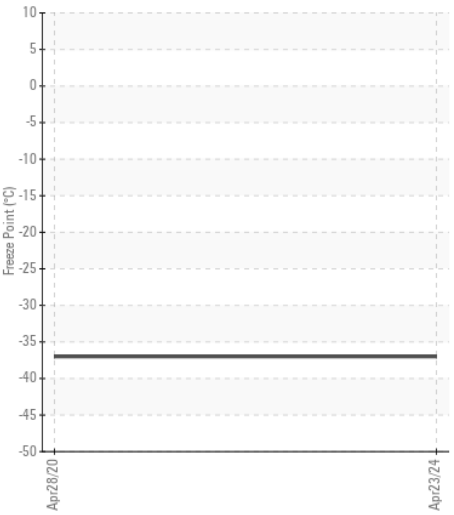
Reserve Alkalinity



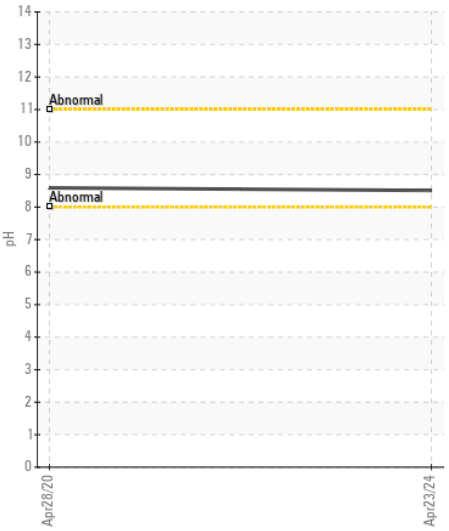
Copper/Aluminum/Lead



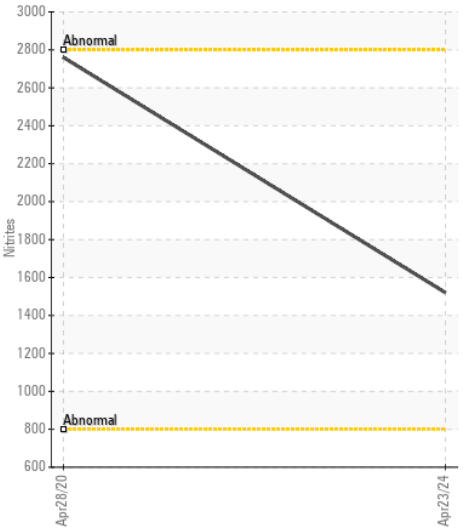
Freeze Point



pH



Nitrites



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022722
Lab Number : 02632103
Unique Number : 5773256
Test Package : COOL (Additional Tests: GlycolType)
Received : 29 Apr 2024
Tested : 30 Apr 2024
Diagnosed : 01 May 2024 - Kevin Marson

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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