



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
BGIS C/O CBC ST JOHNS [6100286667]

Machine Id
16301004230

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		WA0020881	WA0015057	WA
Sample Date		Client Info		23 Apr 2024	27 Apr 2023	20 Aug 2019
Machine Age	hrs	Client Info		137	120	45
Oil Age	hrs	Client Info		19	0	0
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	1	<1
Aluminum	ppm	ASTM D5185(m)	>10	2	2	2
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	<1	<1
Silver	ppm	ASTM D5185(m)	>10	<1	<1	1
Zinc	ppm	ASTM D5185(m)	>10	5	5	0

CONTAMINANTS

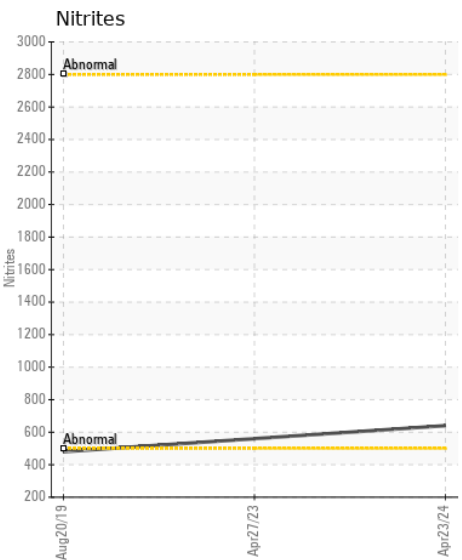
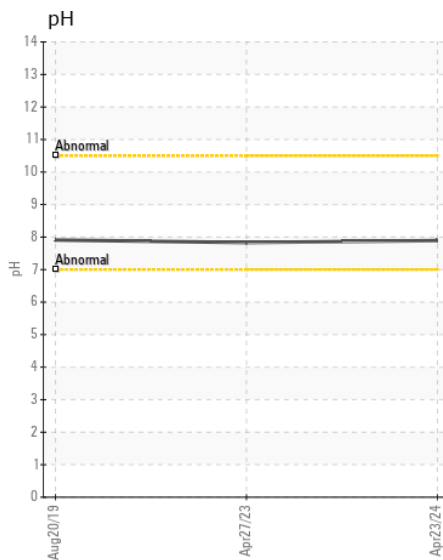
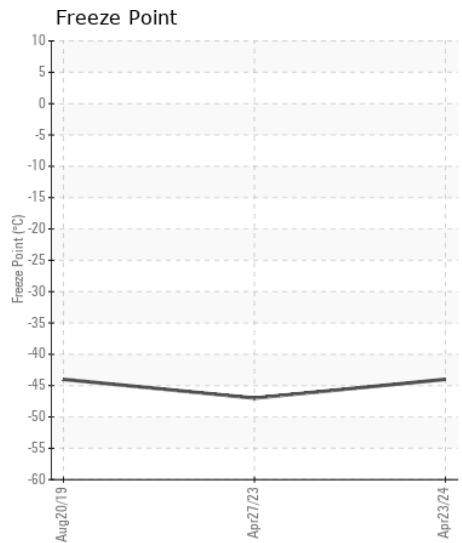
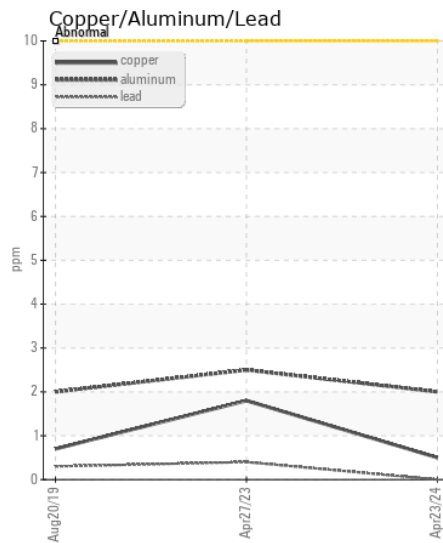
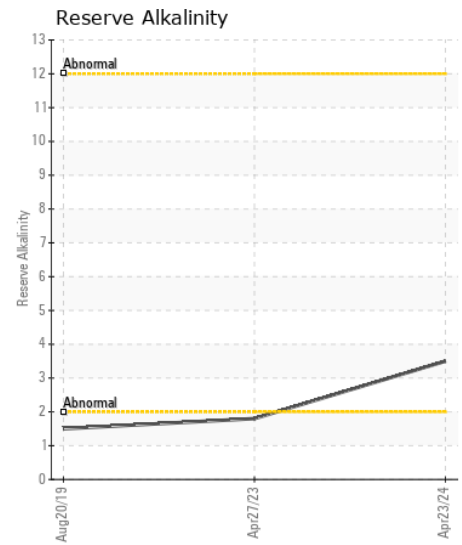
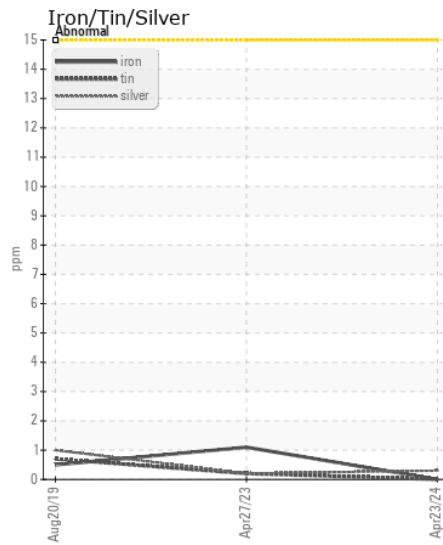
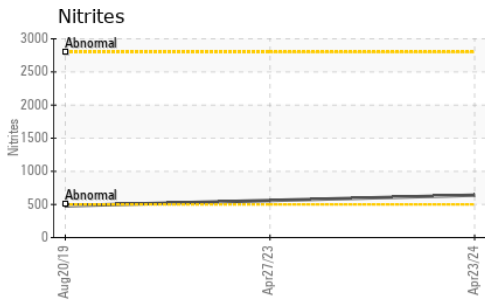
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	15	14	5
Magnesium	ppm	ASTM D5185(m)	>40	7	8	5
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.074	1.074	1.072
pH	Scale 0-14	ASTM D1287*	9.0	7.89	7.83	7.91
Nitrites	ppm	Alcan Test Kit*		640	560	▲ 480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.5	1.8	▲ 1.5
Percentage Glycol	%	ASTM D3321*	50	55.5	55.3	54.0
Freezing Point	°C	ASTM D3321*	-40	-44	-47	-44
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		12	14	9
Phosphorus	ppm	ASTM D5185(m)		6	4	2
Boron	ppm	ASTM D5185(m)		23	15	33
Molybdenum	ppm	ASTM D5185(m)		165	202	225
Sodium	ppm	ASTM D5185(m)		5244	3248	3217
Potassium	ppm	ASTM D5185(m)		4903	3011	4097
Coolant Color		Visual*	Orange/R	Orange	Orange	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020881 **Received** : 25 Apr 2024
Lab Number : 02631409 **Tested** : 25 Apr 2024
Unique Number : 5772562 **Diagnosed** : 26 Apr 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.