



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TSCC 1802 [263537]

Machine Id
1146800905

Component
Coolant

Fluid
HYBRID (HOAT) 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		WA0020669	WA0019042	WA0017669
Sample Date		Client Info		06 May 2024	15 Mar 2023	23 Mar 2022
Machine Age	hrs	Client Info		245	242	239
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	7	▲ 17	8
Aluminum	ppm	ASTM D5185(m)	>10	<1	<1	2
Copper	ppm	ASTM D5185(m)	>10	<1	5	<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	0	<1
Zinc	ppm	ASTM D5185(m)	>10	3	2	1

CONTAMINANTS

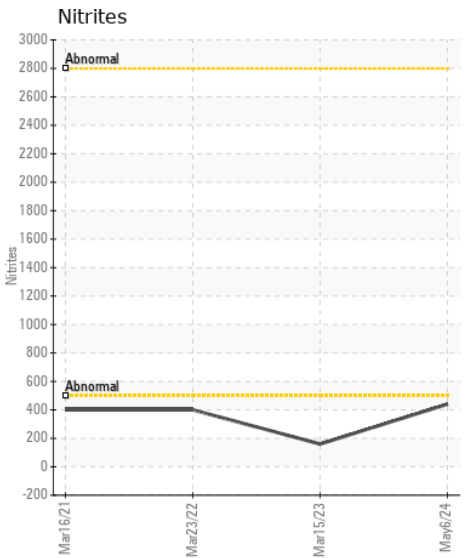
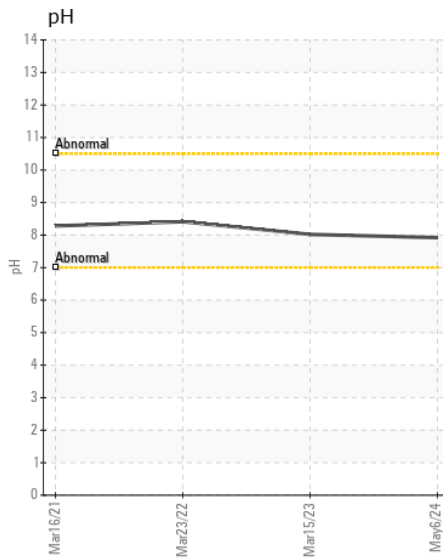
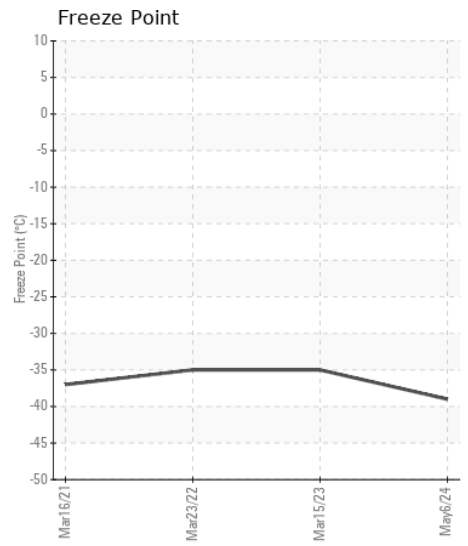
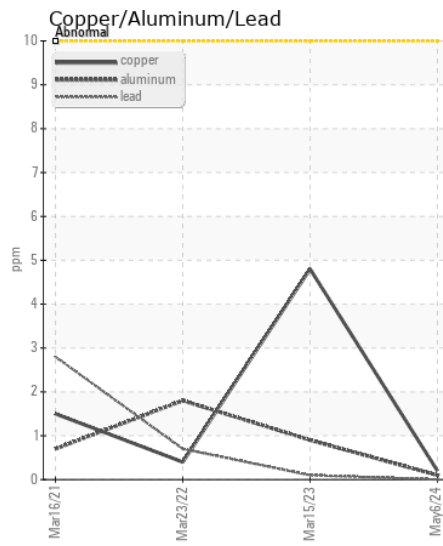
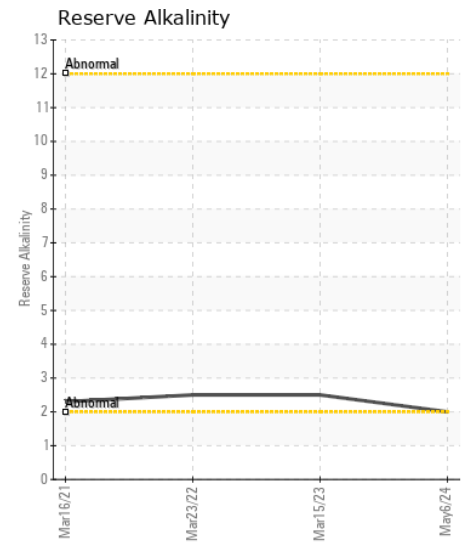
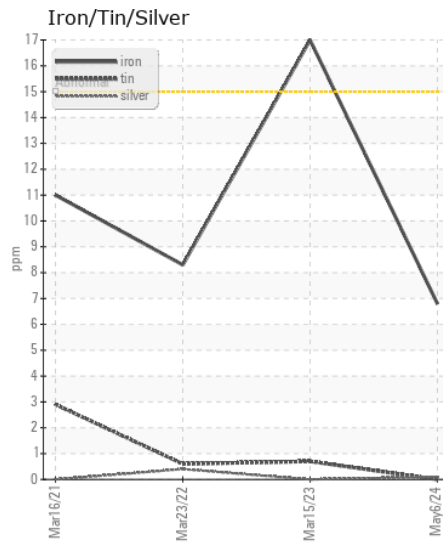
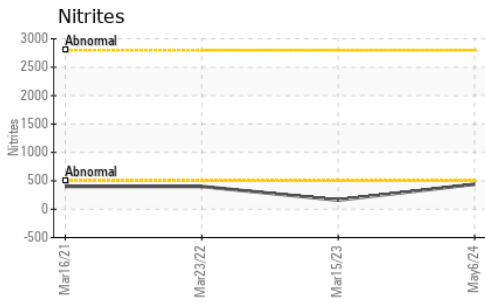
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	3	5	2
Magnesium	ppm	ASTM D5185(m)	>40	2	2	1
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	Cloudy	Clear

COOLANT CONDITION

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*		1.069	1.068	1.068
pH	Scale 0-14	ASTM D1287*		7.92	8.02	8.41
Nitrites	ppm	Alcan Test Kit*		440	160	400
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.0	2.5	2.5
Percentage Glycol	%	ASTM D3321*		51.2	50.5	50.1
Freezing Point	°C	ASTM D3321*		-39	-35	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		9	6	5
Phosphorus	ppm	ASTM D5185(m)		9	13	18
Boron	ppm	ASTM D5185(m)		192	253	235
Molybdenum	ppm	ASTM D5185(m)		0	2	2
Sodium	ppm	ASTM D5185(m)		1800	1648	1315
Potassium	ppm	ASTM D5185(m)		115	148	170
Coolant Color		Visual*		Yellow	Orange	Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020669 **Received** : 16 May 2024
Lab Number : 02636218 **Tested** : 17 May 2024
Unique Number : 5785380 **Diagnosed** : 21 May 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.