



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
EQUINOX [154818]

Machine Id
6HN01192

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		CU0022831	CU0020047	---
Sample Date		Client Info		02 Apr 2024	27 Mar 2023	---
Machine Age	hrs	Client Info		646	624	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	N/A	---
Sample Status				NORMAL	NORMAL	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<1	1	---
Aluminum	ppm	ASTM D5185(m)	>10	3	4	---
Copper	ppm	ASTM D5185(m)	>10	<1	2	---
Lead	ppm	ASTM D5185(m)	>10	0	<1	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	<1	0	---
Zinc	ppm	ASTM D5185(m)	>10	4	2	---

CONTAMINANTS

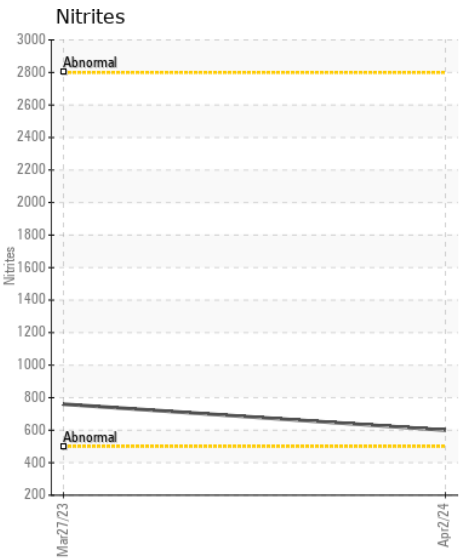
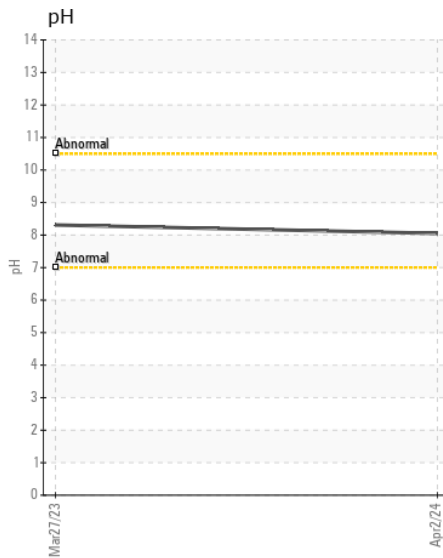
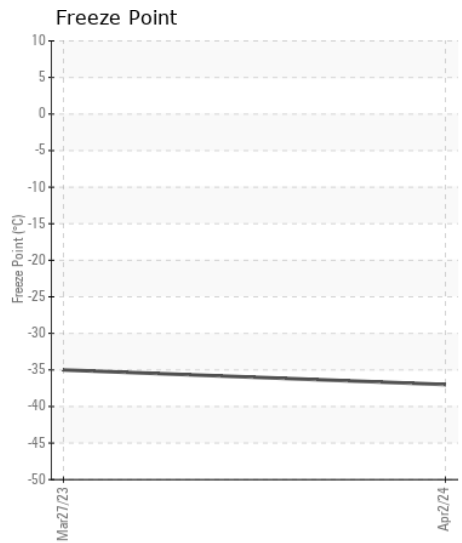
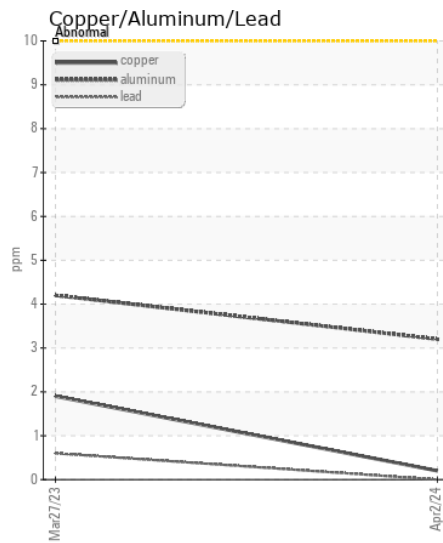
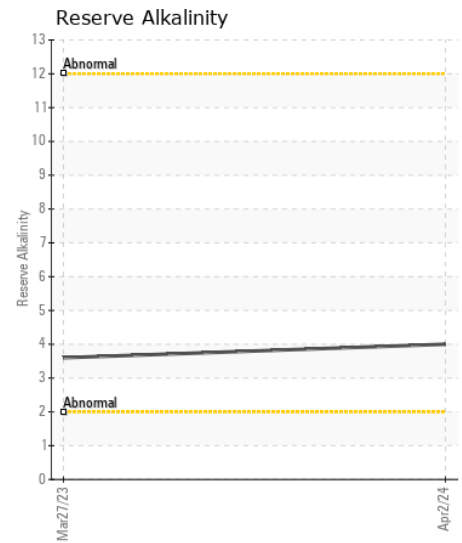
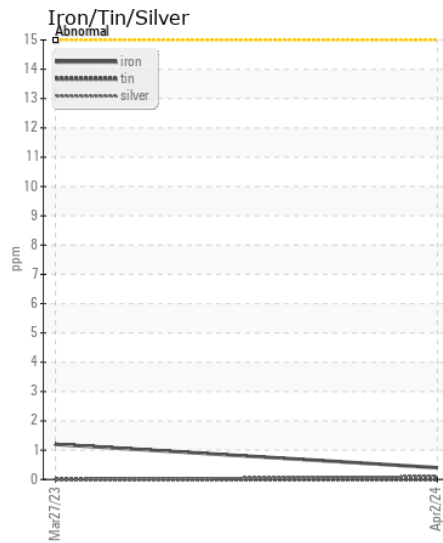
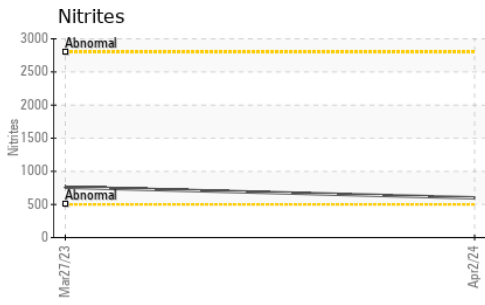
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	10	7	---
Magnesium	ppm	ASTM D5185(m)	>40	2	1	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	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*		107	---	---
Specific Gravity		ASTM D1298*		1.067	1.068	---
pH	Scale 0-14	ASTM D1287*	9.0	8.05	8.31	---
Nitrites	ppm	Alcan Test Kit*		600	760	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.0	3.6	---
Percentage Glycol	%	ASTM D3321*	50	50.0	50.1	---
Freezing Point	°C	ASTM D3321*	-40	-37	-35	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		19	22	---
Phosphorus	ppm	ASTM D5185(m)		13	36	---
Boron	ppm	ASTM D5185(m)		39	63	---
Molybdenum	ppm	ASTM D5185(m)		359	383	---
Sodium	ppm	ASTM D5185(m)		5669	3208	---
Potassium	ppm	ASTM D5185(m)		50	136	---
Coolant Color		Visual*	Orange/R	Red	Red	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022831 **Received** : 29 Apr 2024
Lab Number : 02632105 **Tested** : 30 Apr 2024
Unique Number : 5773258 **Diagnosed** : 01 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.