



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

BEANFIELD TECHNOLOGIES

Machine Id
PE4045L127909

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		CU0023332	CU0020896	---
Sample Date		Client Info		09 Jun 2024	17 Feb 2023	---
Machine Age	hrs	Client Info		0	6	---
Oil Age	hrs	Client Info		0	1	---
Oil Changed		Client Info		N/A	Changed	---
Sample Status				NORMAL	SEVERE	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	0	---
Aluminum	ppm	ASTM D5185(m)	>10	1	▲ 12	---
Copper	ppm	ASTM D5185(m)	>10	<1	3	---
Lead	ppm	ASTM D5185(m)	>10	0	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	0	0	---
Zinc	ppm	ASTM D5185(m)	>10	2	0	---

CONTAMINANTS

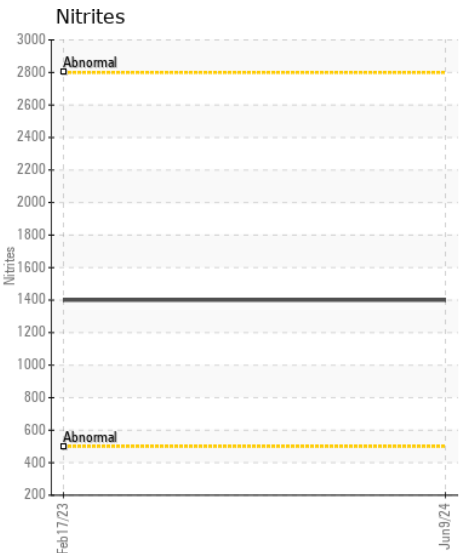
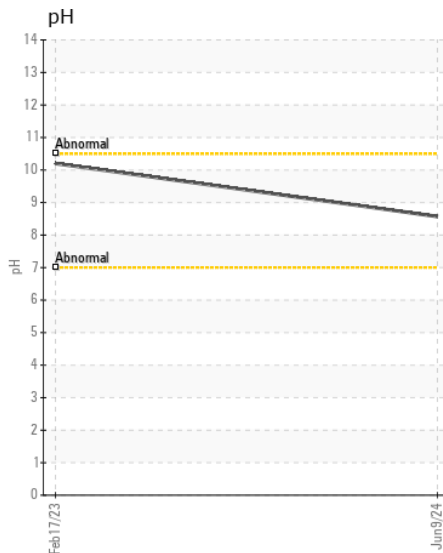
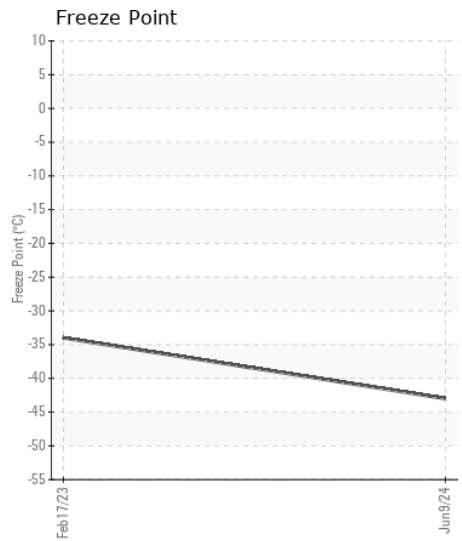
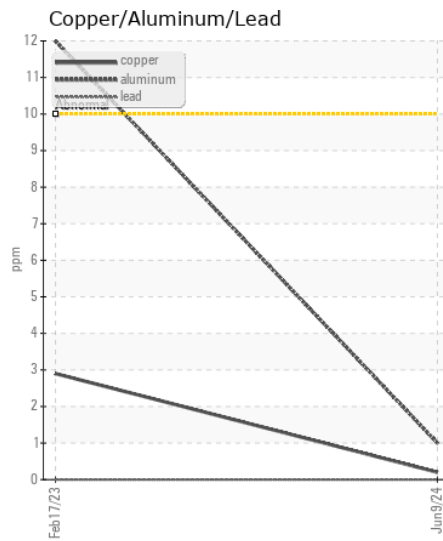
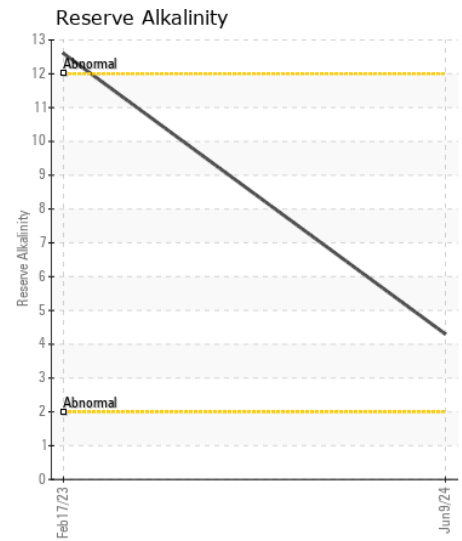
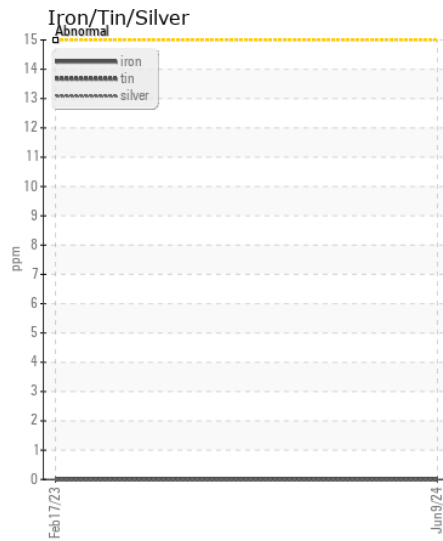
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	2	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	0	---
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*		108	---	---
Specific Gravity		ASTM D1298*		1.073	▲ 1.105	---
pH	Scale 0-14	ASTM D1287*		8.57	10.2	---
Nitrites	ppm	Alcan Test Kit*		1400	1400	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.3	12.6	---
Percentage Glycol	%	ASTM D3321*		54.9	▲ 85.0	---
Freezing Point	°C	ASTM D3321*		-43	▲ -34	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		16	102	---
Phosphorus	ppm	ASTM D5185(m)		700	1780	---
Boron	ppm	ASTM D5185(m)		137	500	---
Molybdenum	ppm	ASTM D5185(m)		229	836	---
Sodium	ppm	ASTM D5185(m)		3190	2111	---
Potassium	ppm	ASTM D5185(m)		1382	3909	---
Coolant Color		Visual*		Yellow	Blue	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023332
Lab Number : 02640903
Unique Number : 5798442
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.