



Machine Id
1517
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0085087	PC0077419	PC0066435
Sample Date		Client Info		26 Jun 2024	25 Jul 2023	24 Oct 2022
Machine Age	hrs	Client Info		4367	3160	2142
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	3	<1
Aluminum	ppm	ASTM D5185(m)	>10	1	0	4
Copper	ppm	ASTM D5185(m)	>10	0	4	2
Lead	ppm	ASTM D5185(m)	>10	0	7	0
Tin	ppm	ASTM D5185(m)	>10	0	2	0
Silver	ppm	ASTM D5185(m)	>10	<1	0	0
Zinc	ppm	ASTM D5185(m)	>10	1	0	1

CONTAMINANTS

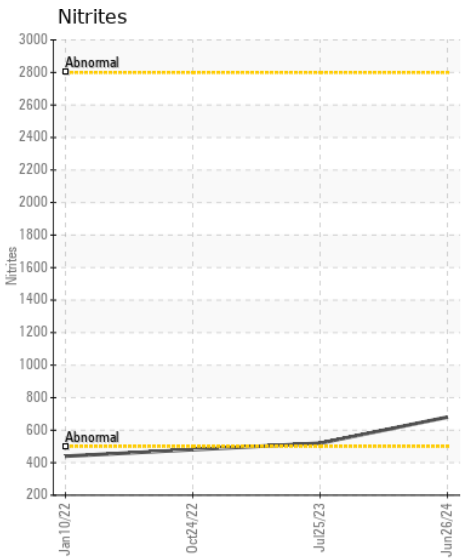
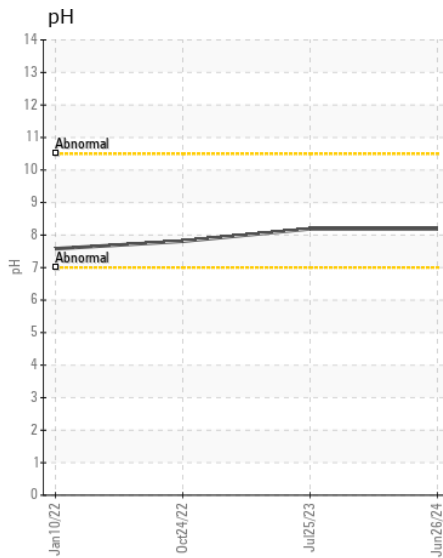
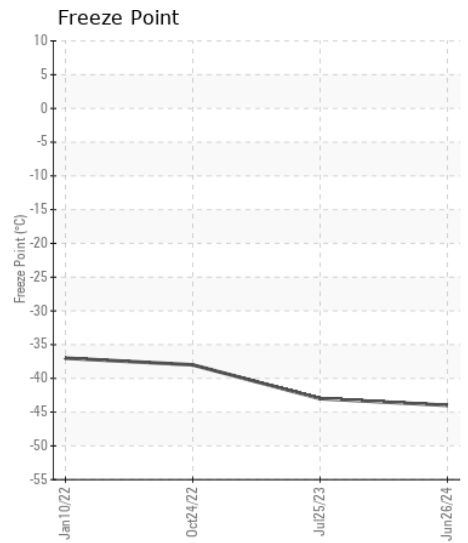
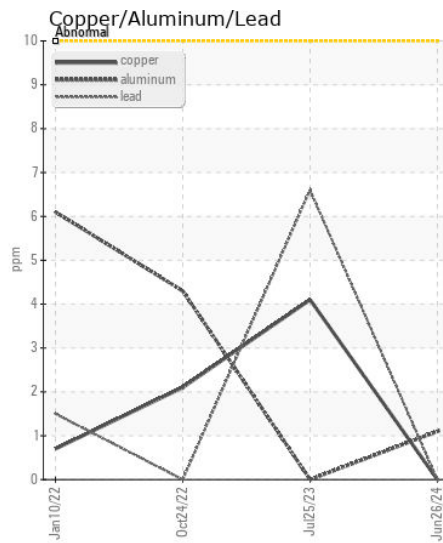
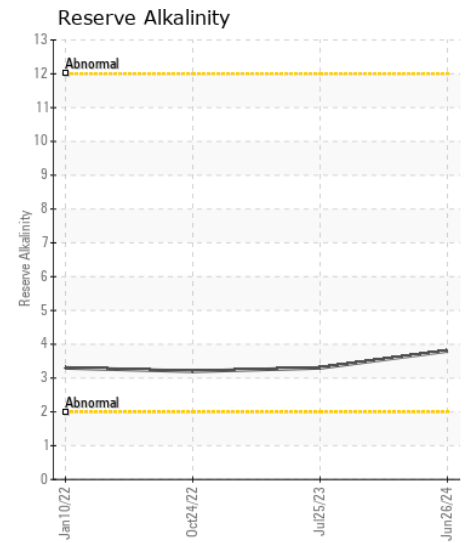
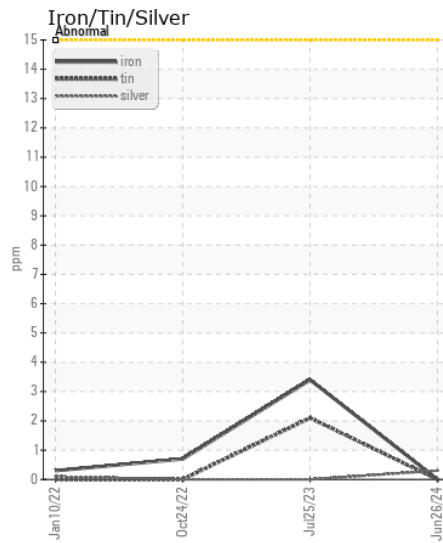
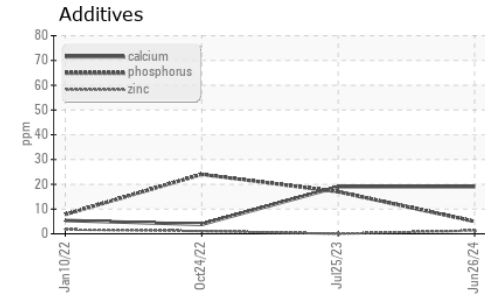
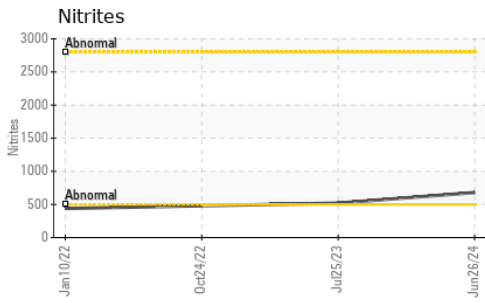
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)		19	19	4
Magnesium	ppm	ASTM D5185(m)		5	5	4
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	1.071	1.069
pH	Scale 0-14	ASTM D1287*	9.0	8.19	8.19	7.81
Nitrites	ppm	Alcan Test Kit*		680	520	480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.8	3.3	3.2
Percentage Glycol	%	ASTM D3321*	50	55.4	53.3	51.4
Freezing Point	°C	ASTM D3321*	-40	-44	-43	-38
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		84	44	74
Phosphorus	ppm	ASTM D5185(m)		5	17	24
Boron	ppm	ASTM D5185(m)		27	16	17
Molybdenum	ppm	ASTM D5185(m)		534	552	638
Sodium	ppm	ASTM D5185(m)		5215	3169	2967
Potassium	ppm	ASTM D5185(m)		1417	1319	1610
Coolant Color		Visual*	Orange/R	Red	Pink	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085087
Lab Number : 02644434
Unique Number : 5801973
Test Package : MOB 1 (Additional Tests: BoilingPoint, 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.

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F: