



Machine Id
1512
 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		PC0084245	PC0078263	PC0066493
Sample Date		Client Info		27 May 2024	25 Jul 2023	17 Nov 2022
Machine Age	kms	Client Info		258401	6011	4799
Oil Age	kms	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	<1	3	1
Aluminum	ppm	ASTM D5185(m)	>10	2	0	5
Copper	ppm	ASTM D5185(m)	>10	2	4	3
Lead	ppm	ASTM D5185(m)	>10	0	6	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	3	0	1

CONTAMINANTS

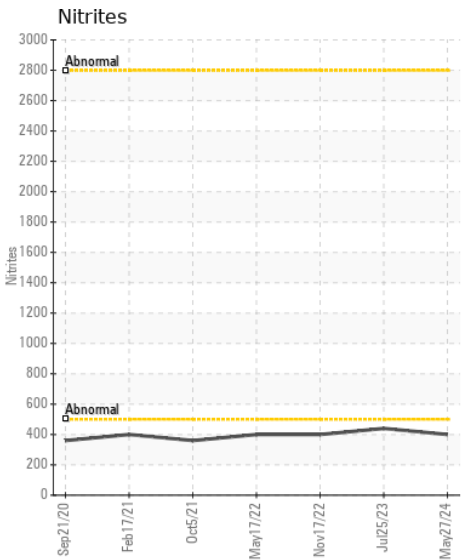
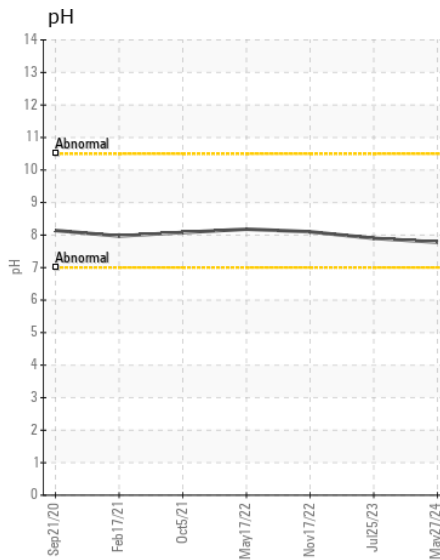
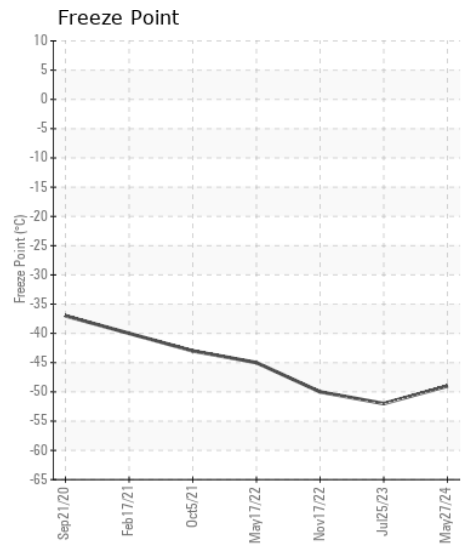
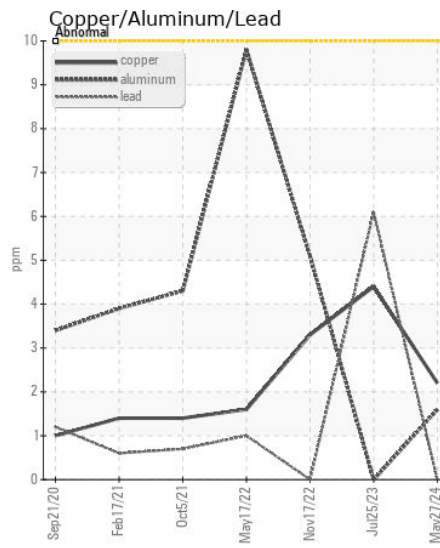
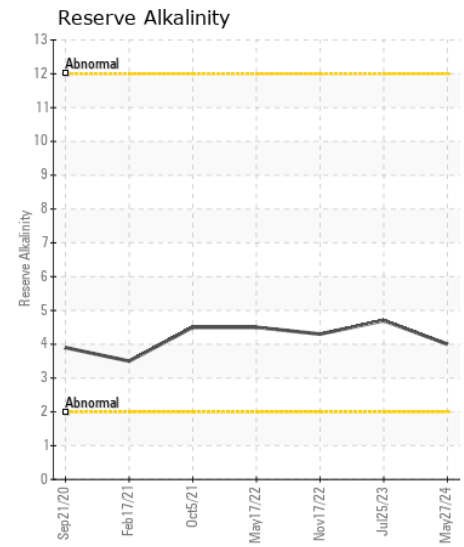
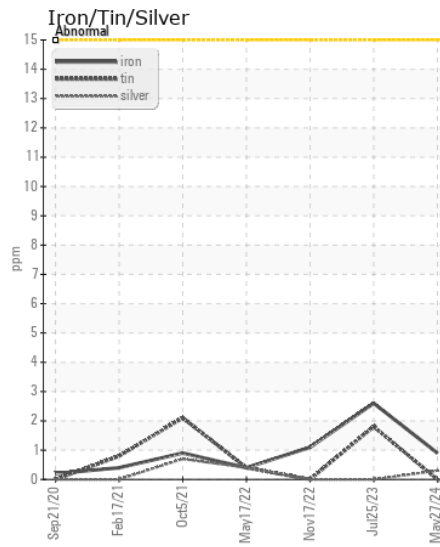
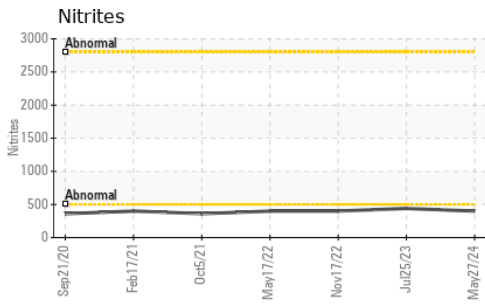
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	16	10	5
Magnesium	ppm	ASTM D5185(m)	>40	5	4	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 pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		109	---	---
Specific Gravity		ASTM D1298*		1.079	1.077	1.075
pH	Scale 0-14	ASTM D1287*	9.0	7.78	7.90	8.10
Nitrites	ppm	Alcan Test Kit*		400	440	400
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.0	4.7	4.3
Percentage Glycol	%	ASTM D3321*	50	59.5	57.9	56.0
Freezing Point	°C	ASTM D3321*	-40	-49	-52	-50
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		116	130	116
Phosphorus	ppm	ASTM D5185(m)		10	5	16
Boron	ppm	ASTM D5185(m)		44	36	37
Molybdenum	ppm	ASTM D5185(m)		541	584	570
Sodium	ppm	ASTM D5185(m)		8261	4015	3753
Potassium	ppm	ASTM D5185(m)		237	336	329
Coolant Color		Visual*	Orange/R	Orange	Pink	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084245
Lab Number : 02638306
Unique Number : 5787468
Test Package : COOL (Additional Tests: GlycolType)
Received : 28 May 2024
Tested : 31 May 2024
Diagnosed : 31 May 2024 - Kevin Marson

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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.