



Machine Id
1224
 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		PC0082903	PC0082449	PC0070966
Sample Date		Client Info		11 Jun 2024	31 Oct 2023	16 Apr 2023
Machine Age	hrs	Client Info		6883	6073	5046
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	<1	0	<1
Aluminum	ppm	ASTM D5185(m)	>10	1	4	5
Copper	ppm	ASTM D5185(m)	>10	3	<1	3
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	1	3

CONTAMINANTS

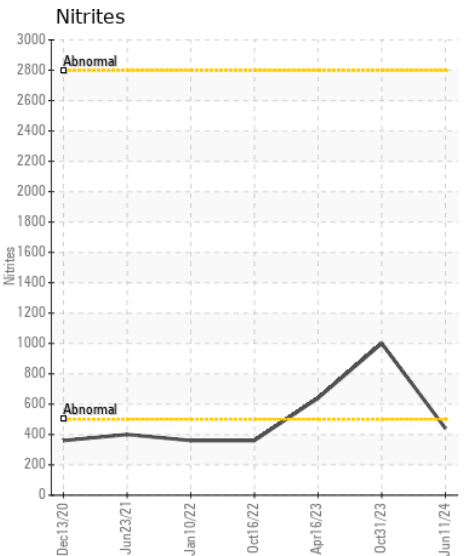
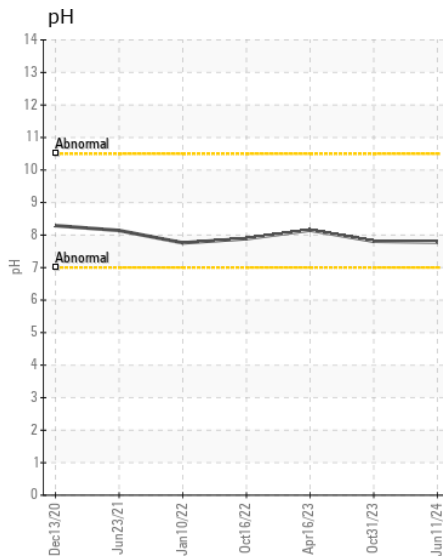
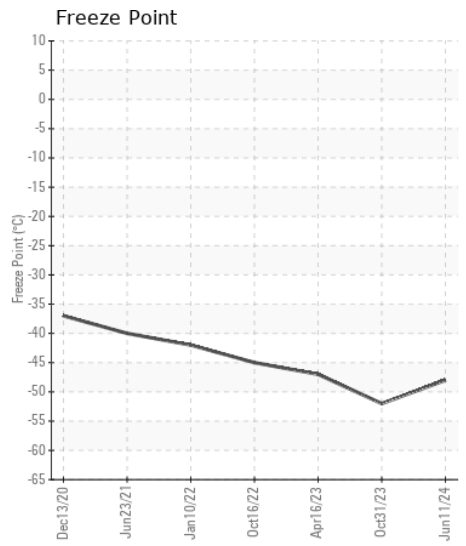
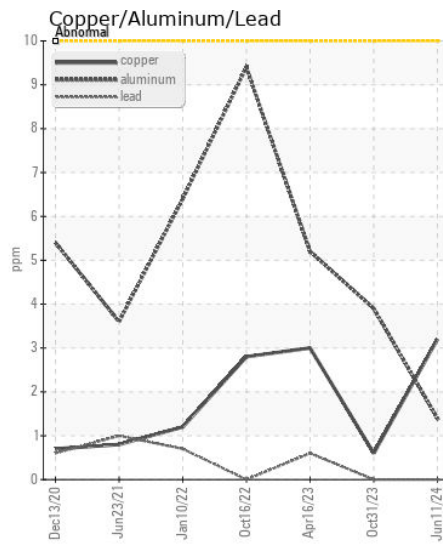
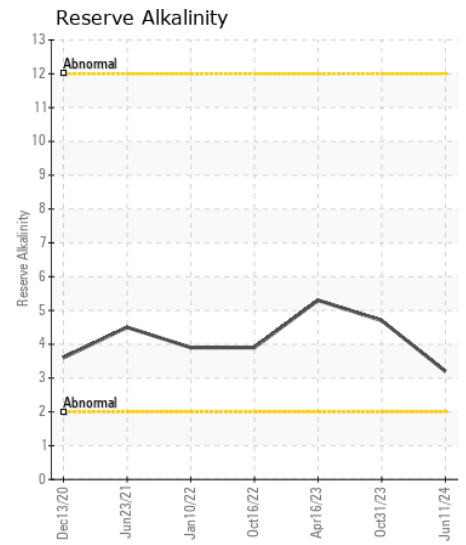
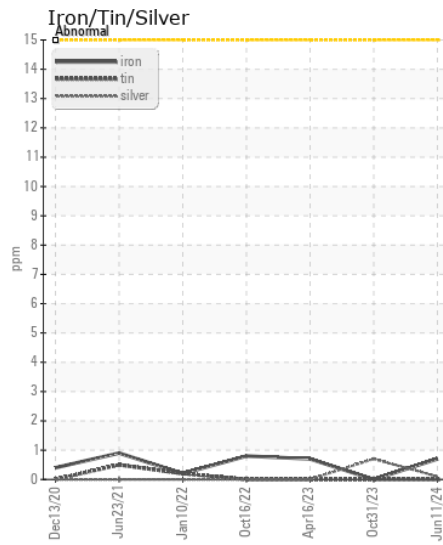
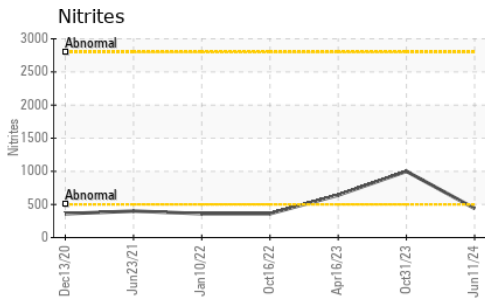
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	12	11	12
Magnesium	ppm	ASTM D5185(m)	>40	6	7	9
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	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*		1.078	1.077	1.075
pH	Scale 0-14	ASTM D1287*	9.0	7.78	7.81	8.15
Nitrites	ppm	Alcan Test Kit*		440	1000	640
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.2	4.7	5.3
Percentage Glycol	%	ASTM D3321*	50	58.5	57.8	55.9
Freezing Point	°C	ASTM D3321*	-40	-48	-52	-47
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		82	89	118
Phosphorus	ppm	ASTM D5185(m)		11	9	6
Boron	ppm	ASTM D5185(m)		51	23	34
Molybdenum	ppm	ASTM D5185(m)		474	594	635
Sodium	ppm	ASTM D5185(m)		6469	10275	3829
Potassium	ppm	ASTM D5185(m)		768	1174	931
Coolant Color		Visual*	Orange/R	Orange	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082903
Lab Number : 02641543
Unique Number : 5799082
Test Package : COOL (Additional Tests: GlycolType)
Received : 12 Jun 2024
Tested : 12 Jun 2024
Diagnosed : 13 Jun 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.

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F: