



Machine Id
5504
 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		PC0088513	PC0057175	PC0053313
Sample Date		Client Info		01 Apr 2024	27 Mar 2023	13 Dec 2021
Machine Age	hrs	Client Info		6419	6205	5902
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	2	<1
Aluminum	ppm	ASTM D5185(m)	>10	1	2	2
Copper	ppm	ASTM D5185(m)	>10	<1	3	1
Lead	ppm	ASTM D5185(m)	>10	0	2	<1
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	<1	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<1	2	<1

CONTAMINANTS

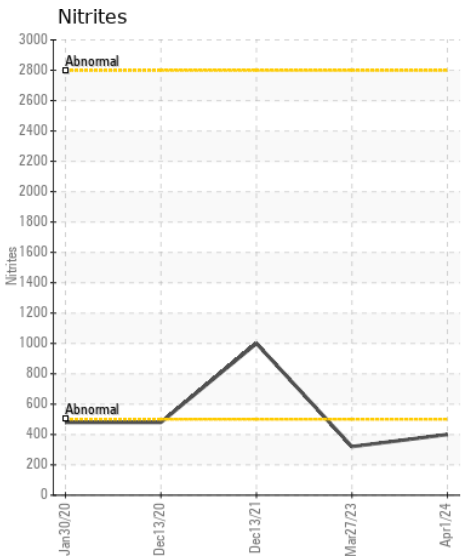
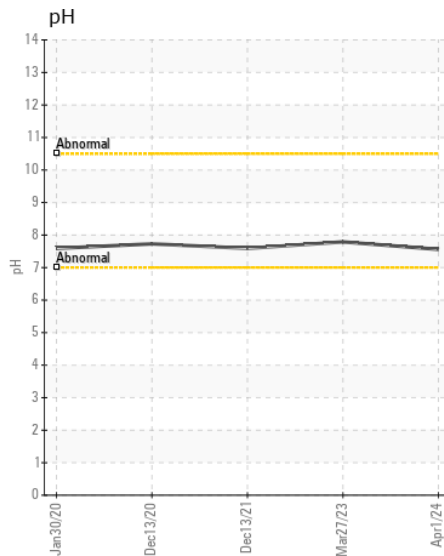
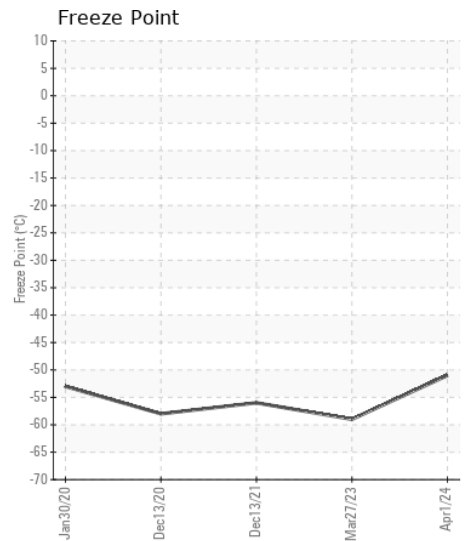
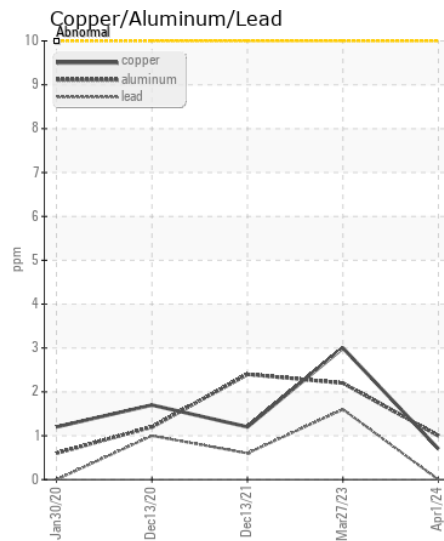
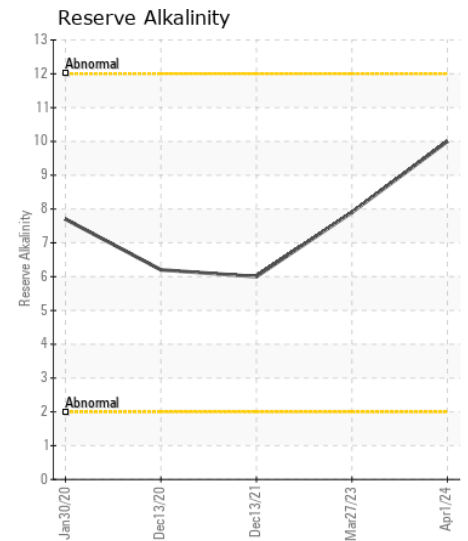
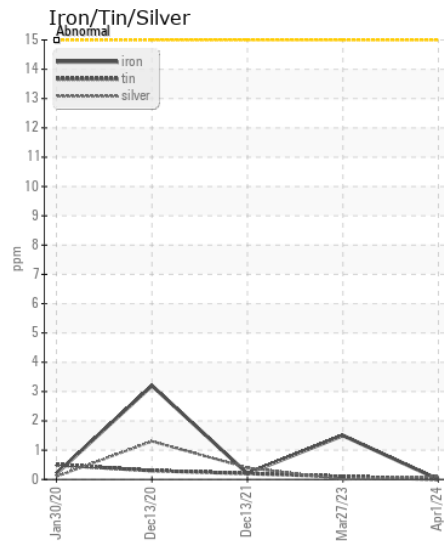
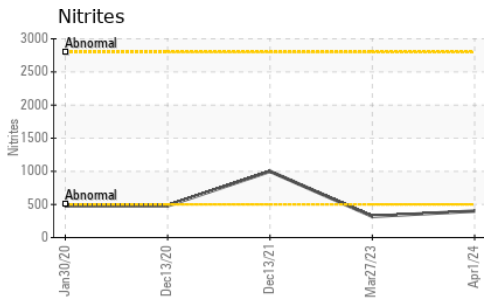
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	0	2
Magnesium	ppm	ASTM D5185(m)	>40	1	3	1
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*		111	---	---
Specific Gravity		ASTM D1298*		1.081	1.081	---
pH	Scale 0-14	ASTM D1287*	9.0	7.56	7.79	7.59
Nitrites	ppm	Alcan Test Kit*		400	320	1000
Reserve Alkalinity	Scale 0-20	ASTM D1121*		10.0	7.9	6.0
Percentage Glycol	%	ASTM D3321*	50	61.6	61.8	---
Freezing Point	°C	ASTM D3321*	-40	-51	-59	-56
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		36	56	30
Phosphorus	ppm	ASTM D5185(m)		61	107	58
Boron	ppm	ASTM D5185(m)		470	531	505
Molybdenum	ppm	ASTM D5185(m)		112	149	157
Sodium	ppm	ASTM D5185(m)		5647	3417	2373
Potassium	ppm	ASTM D5185(m)		737	1174	733
Coolant Color		Visual*	Orange/R	Orange	Orange	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088513
Lab Number : 02626239
Unique Number : 5759371
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.

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