



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Machine Id
55104

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		PC0084414	PC0077719	PC0067589
Sample Date		Client Info		28 Feb 2024	08 Aug 2023	24 Jan 2023
Machine Age	hrs	Client Info		4122	3647	3207
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	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	2	0	2
Copper	ppm	ASTM D5185(m)	>10	0	4	4
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	2	2	8

CONTAMINANTS

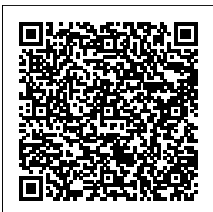
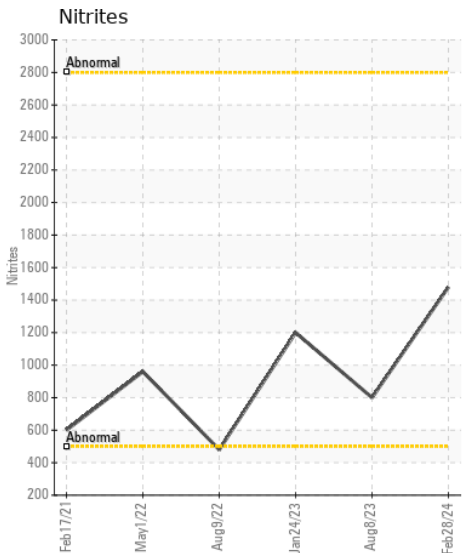
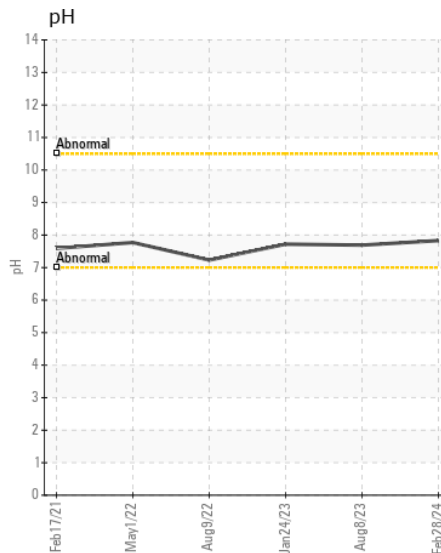
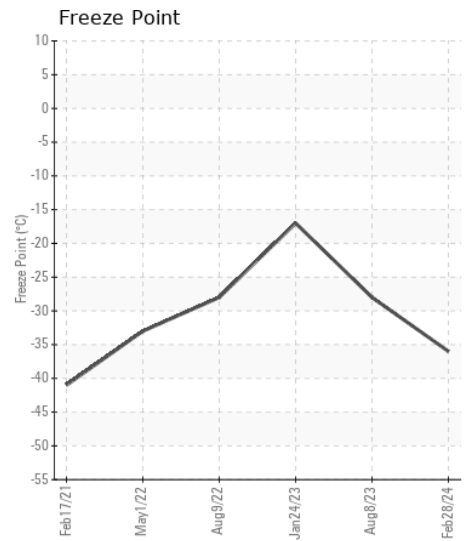
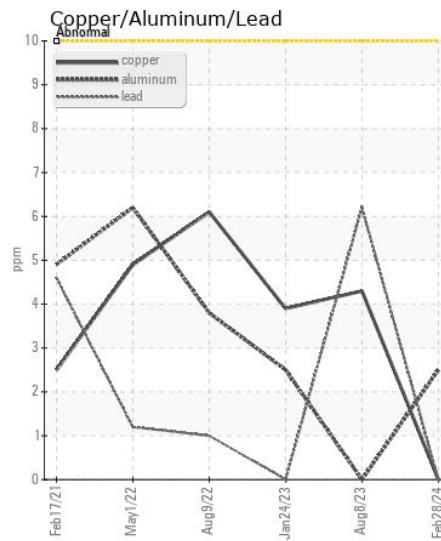
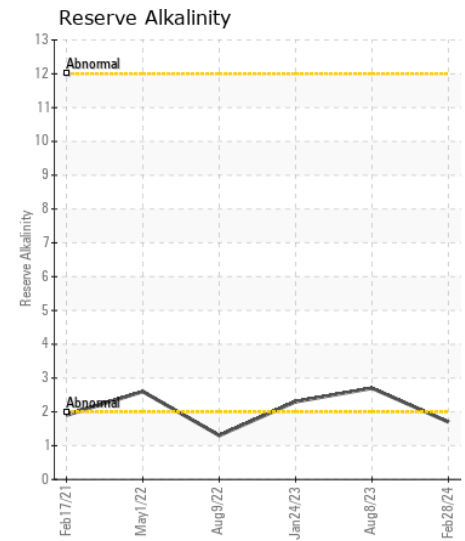
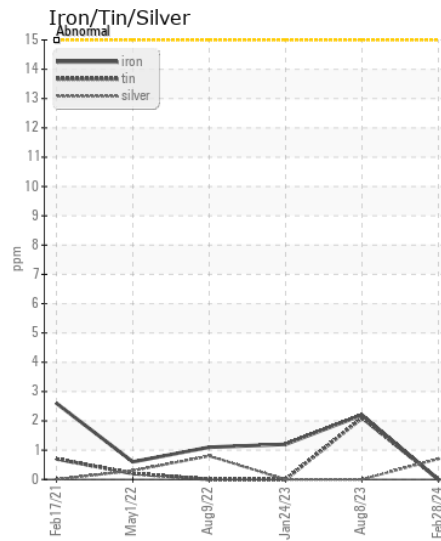
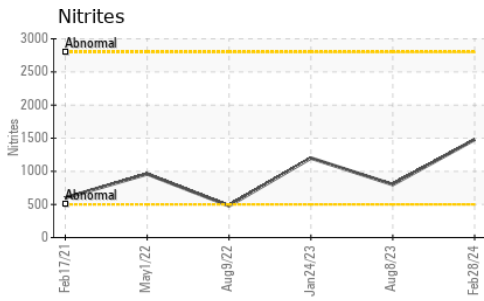
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	10	7
Magnesium	ppm	ASTM D5185(m)	>40	3	4	2
Appearance	scalar	Visual*	NORML	NORML	NORML	LAYRD
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Clear	▲ Cloudy	Clear

COOLANT CONDITION

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

Specific Gravity		ASTM D1298*		1.067	1.064	1.057
pH	Scale 0-14	ASTM D1287*	9.0	7.83	7.69	7.72
Nitrites	ppm	Alcan Test Kit*		1480	800	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.7	2.7	2.3
Percentage Glycol	%	ASTM D3321*	50	49.6	47.7	42.3
Freezing Point	°C	ASTM D3321*	-40	-36	-28	-17
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		16	21	18
Phosphorus	ppm	ASTM D5185(m)		11	29	29
Boron	ppm	ASTM D5185(m)		82	287	236
Molybdenum	ppm	ASTM D5185(m)		305	186	152
Sodium	ppm	ASTM D5185(m)		8792	3710	3062
Potassium	ppm	ASTM D5185(m)		586	1377	1306
Coolant Color		Visual*	Orange/R	Red	Orange	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084414
Lab Number : 02619080
Unique Number : 5736190
Test Package : COOL (Additional Tests: GlycolType)
Received : 29 Feb 2024
Tested : 29 Feb 2024
Diagnosed : 01 Mar 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.

T:
F: