



Machine Id
1510
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		PC0072207	PC0072239	PC0060261
Sample Date		Client Info		07 Jan 2024	14 Jun 2023	20 Jul 2022
Machine Age	hrs	Client Info		8311	7421	6204
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	1	1
Aluminum	ppm	ASTM D5185(m)	>10	5	6	4
Copper	ppm	ASTM D5185(m)	>10	2	5	6
Lead	ppm	ASTM D5185(m)	>10	0	0	1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	1	0	2
Zinc	ppm	ASTM D5185(m)	>10	3	2	4

CONTAMINANTS

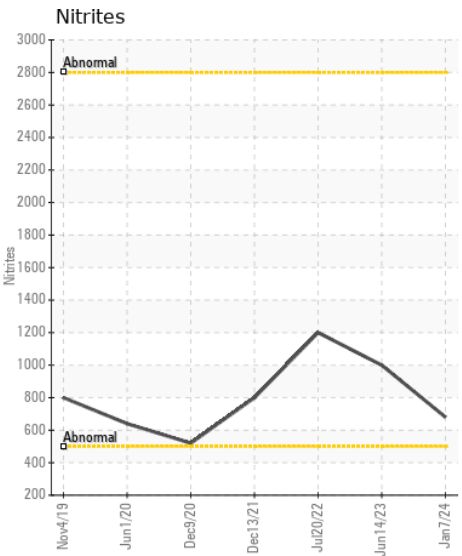
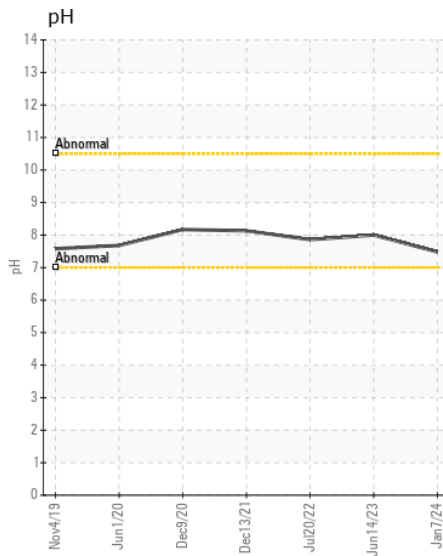
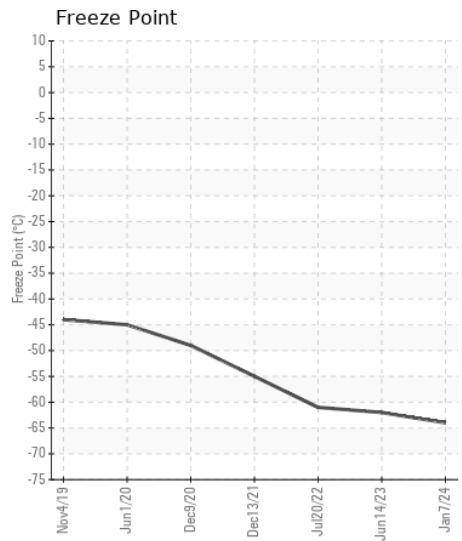
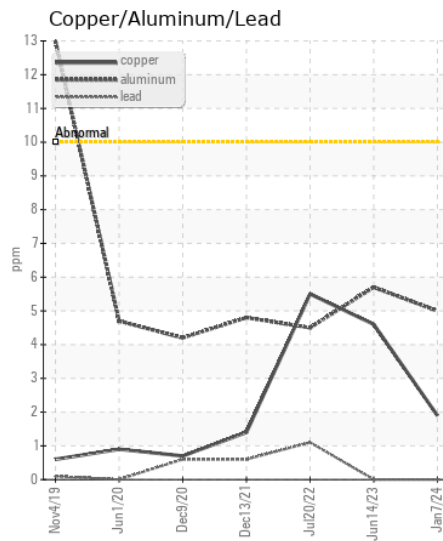
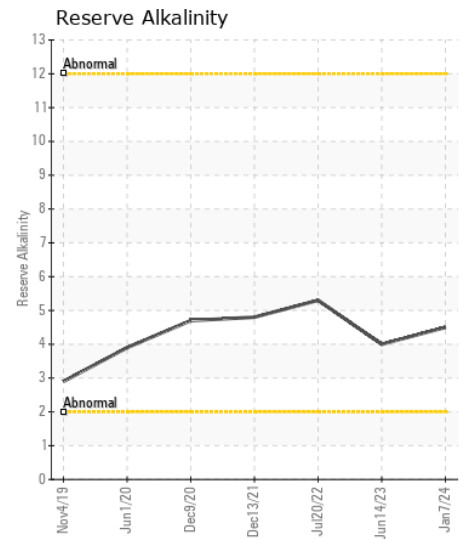
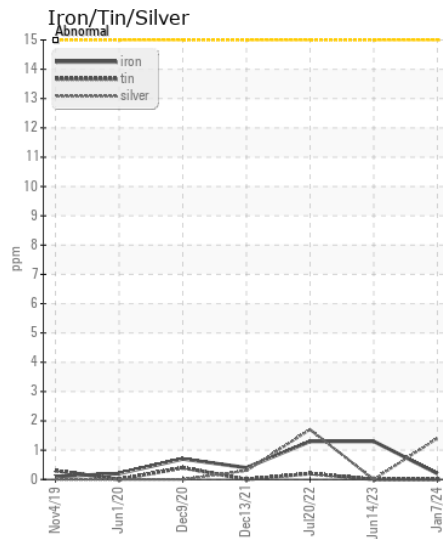
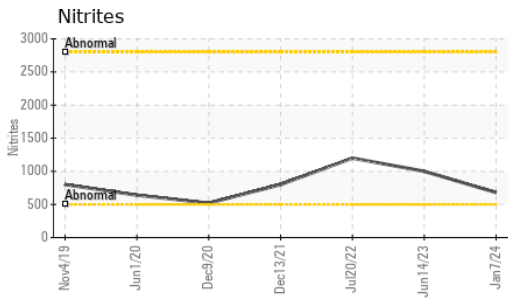
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	8	7
Magnesium	ppm	ASTM D5185(m)	>40	4	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.

Specific Gravity		ASTM D1298*		1.085	1.083	1.082
pH	Scale 0-14	ASTM D1287*	9.0	7.48	8.00	7.86
Nitrites	ppm	Alcan Test Kit*		680	1000	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.5	4.0	5.3
Percentage Glycol	%	ASTM D3321*	50	65.0	63.8	62.0
Freezing Point	°C	ASTM D3321*	-40	-64	-62	-61
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		138	139	133
Phosphorus	ppm	ASTM D5185(m)		11	12	9
Boron	ppm	ASTM D5185(m)		41	46	49
Molybdenum	ppm	ASTM D5185(m)		736	703	763
Sodium	ppm	ASTM D5185(m)		12527	4027	2571
Potassium	ppm	ASTM D5185(m)		1662	1094	1178
Coolant Color		Visual*	Orange/R	Red	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.
Sample No. : PC0072207 **Received** : 08 Jan 2024 270 RUE BRUNET
Lab Number : 02607326 **Diagnosed** : 10 Jan 2024 MONT ST-HILAIRE, QC
Unique Number : 5708412 **Diagnostician** : Kevin Marson CA J3H 0M6
Test Package : COOL

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.

Contact: Martin Trudel
mtrudel@michaudville.com

T:
F: