



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id
1154

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		PC0084404	PC0071021	PC0071978
Sample Date		Client Info		28 Feb 2024	08 Aug 2023	09 Feb 2023
Machine Age	hrs	Client Info		9193	8177	7241
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	3	<1
Aluminum	ppm	ASTM D5185(m)	>10	4	<1	6
Copper	ppm	ASTM D5185(m)	>10	0	3	2
Lead	ppm	ASTM D5185(m)	>10	0	6	1
Tin	ppm	ASTM D5185(m)	>10	0	2	0
Silver	ppm	ASTM D5185(m)	>10	<1	0	0
Zinc	ppm	ASTM D5185(m)	>10	4	0	2

CONTAMINANTS

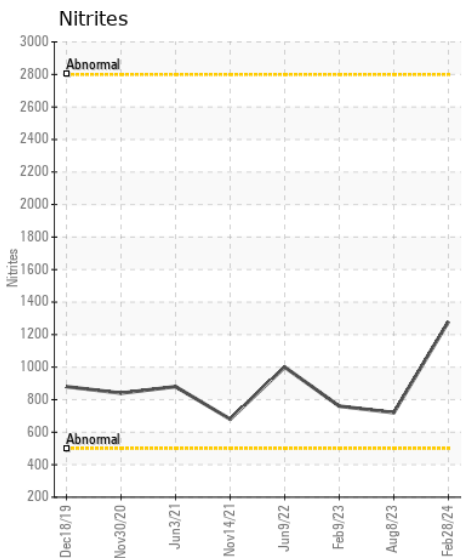
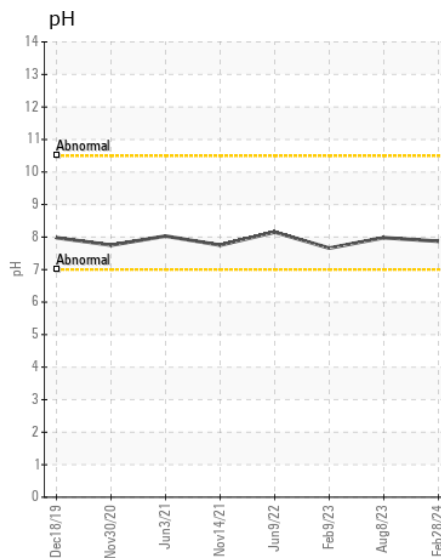
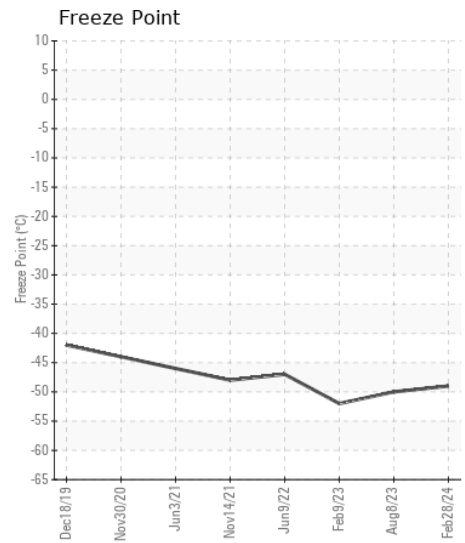
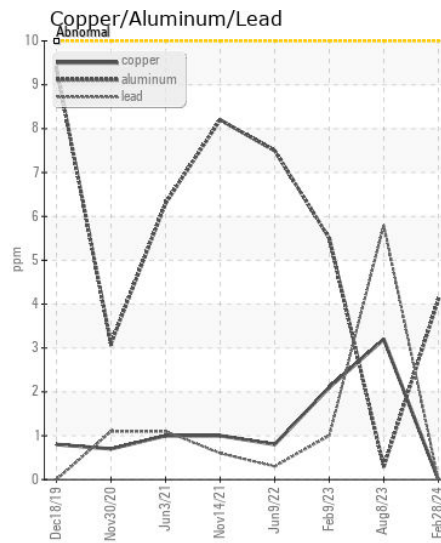
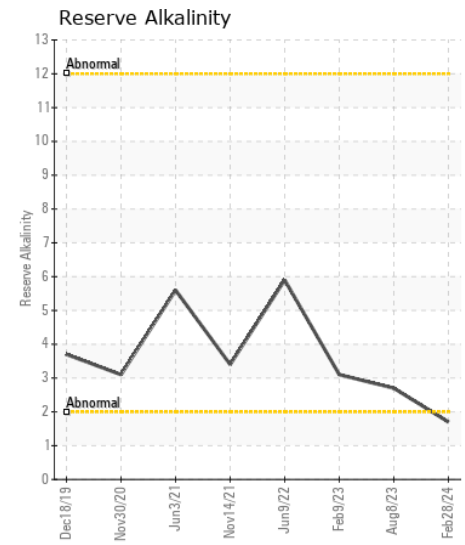
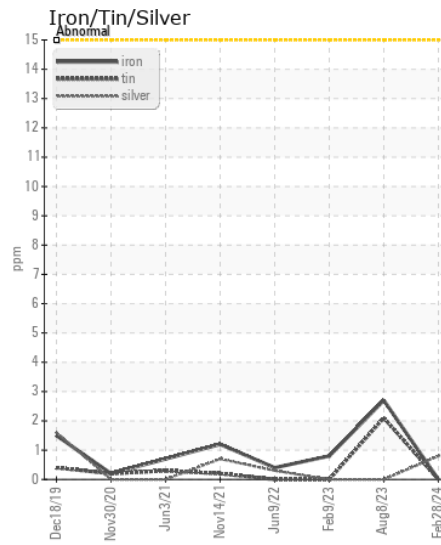
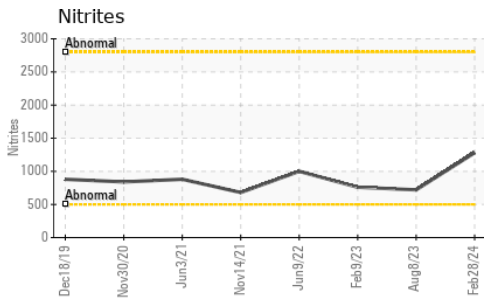
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	12	10
Magnesium	ppm	ASTM D5185(m)	>40	3	5	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 nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

Specific Gravity		ASTM D1298*		1.079	1.076	1.077
pH	Scale 0-14	ASTM D1287*	9.0	7.87	7.98	7.66
Nitrites	ppm	Alcan Test Kit*		1280	720	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.7	2.7	3.1
Percentage Glycol	%	ASTM D3321*	50	59.4	56.8	57.6
Freezing Point	°C	ASTM D3321*	-40	-49	-50	-52
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		53	58	79
Phosphorus	ppm	ASTM D5185(m)		5	8	6
Boron	ppm	ASTM D5185(m)		26	68	65
Molybdenum	ppm	ASTM D5185(m)		528	625	695
Sodium	ppm	ASTM D5185(m)		10352	4331	3682
Potassium	ppm	ASTM D5185(m)		332	417	674
Coolant Color		Visual*	Orange/R	Red	Pink	Orange



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084404
Lab Number : 02619079
Unique Number : 5736189
Test Package : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
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 CA J3H 0M6
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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: