



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

5107

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		PC0085223	PC0071170	PC0059632
Sample Date		Client Info		21 Apr 2024	15 Feb 2023	16 Mar 2022
Machine Age	hrs	Client Info		1632	1153	718
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	0	1	<1
Aluminum	ppm	ASTM D5185(m)	>10	2	2	2
Copper	ppm	ASTM D5185(m)	>10	<1	2	1
Lead	ppm	ASTM D5185(m)	>10	0	0	1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	0	0	<1
Zinc	ppm	ASTM D5185(m)	>10	2	2	1

CONTAMINANTS

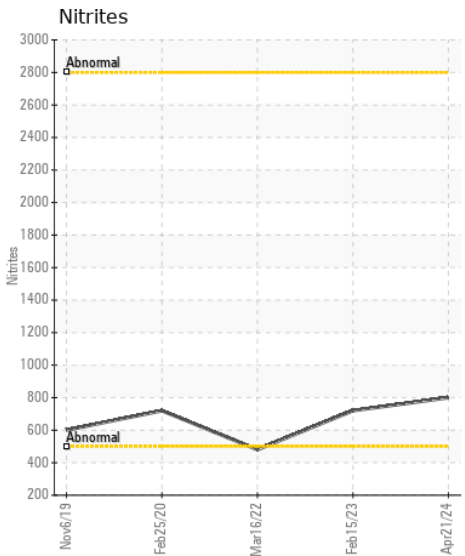
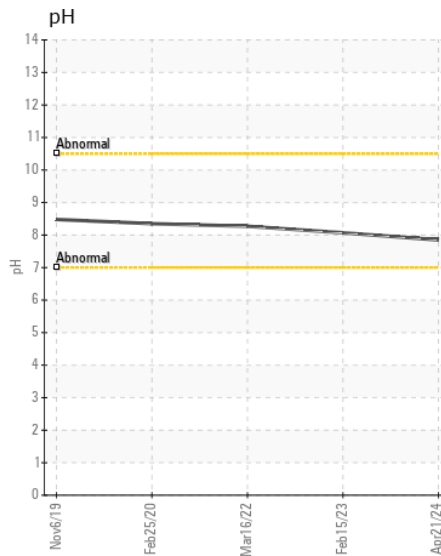
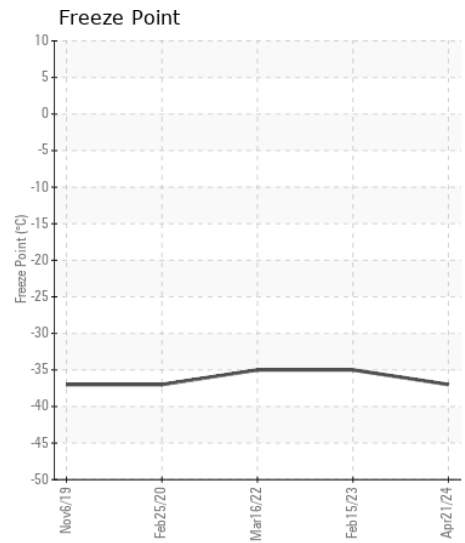
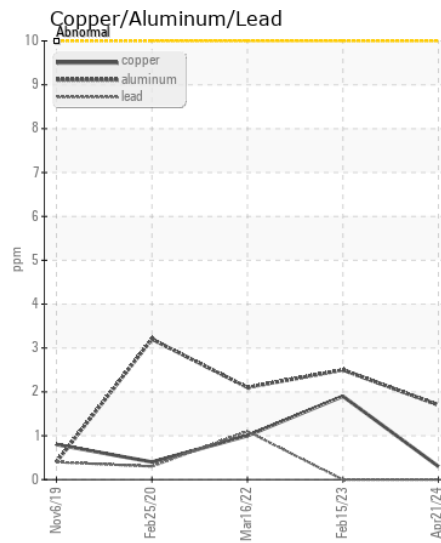
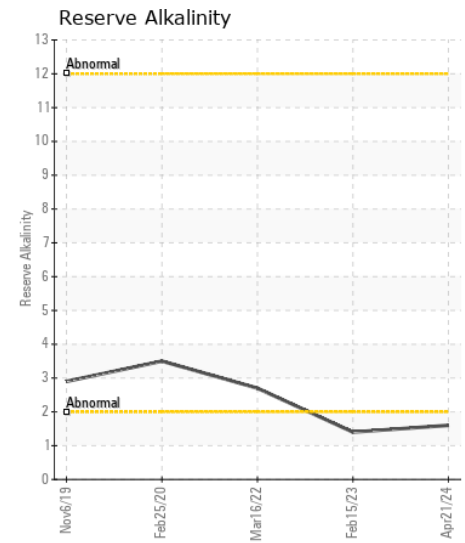
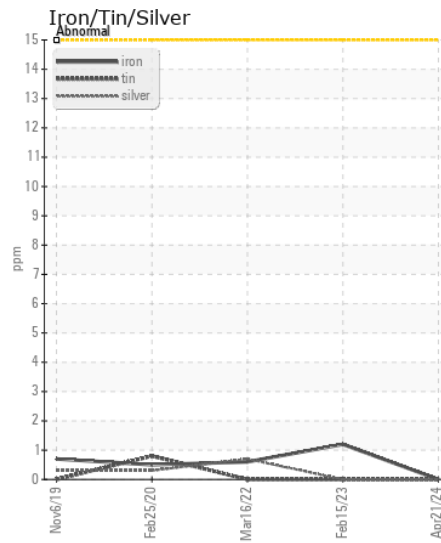
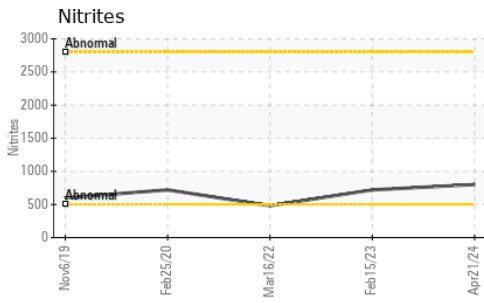
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	7	8	2
Magnesium	ppm	ASTM D5185(m)	>40	2	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 nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.068	1.067	1.068
pH	Scale 0-14	ASTM D1287*	9.0	7.85	8.07	8.27
Nitrites	ppm	Alcan Test Kit*		800	720	▲ 480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.6	1.4	▲ 2.7
Percentage Glycol	%	ASTM D3321*	50	50.1	50.0	50.3
Freezing Point	°C	ASTM D3321*	-40	-37	-35	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		17	16	29
Phosphorus	ppm	ASTM D5185(m)		20	22	149
Boron	ppm	ASTM D5185(m)		27	35	259
Molybdenum	ppm	ASTM D5185(m)		316	385	36
Sodium	ppm	ASTM D5185(m)		6023	3659	1169
Potassium	ppm	ASTM D5185(m)		180	134	704
Coolant Color		Visual*	Orange/R	Pink	Red	Grn/Yellow



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085223
Lab Number : 02630804
Unique Number : 5763936
Test Package : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
 270 RUE BRUNET
 MONT ST-HILAIRE, QC
 CA J3H 0M6
 Contact: Martin Trudel
 mtrudel@michaudville.com

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: