



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id
1508

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		PC0084353	PC0075801	PC0060708
Sample Date		Client Info		28 Feb 2024	07 Jun 2023	02 Nov 2022
Machine Age	hrs	Client Info		9958	8848	7683
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	1	1
Aluminum	ppm	ASTM D5185(m)	>10	3	6	7
Copper	ppm	ASTM D5185(m)	>10	<1	3	4
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	1	0	2
Zinc	ppm	ASTM D5185(m)	>10	3	<1	2

CONTAMINANTS

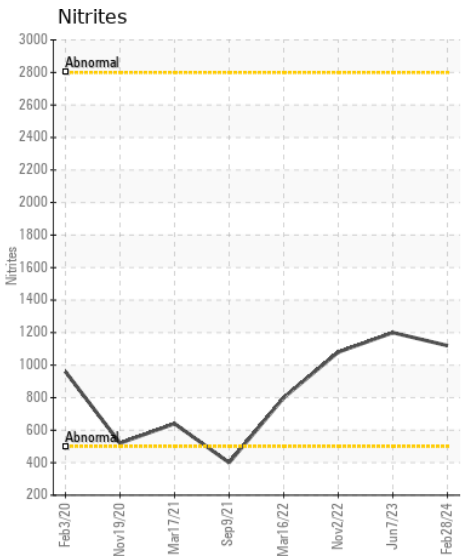
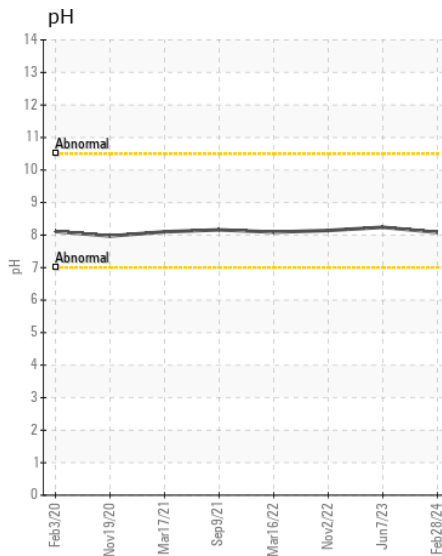
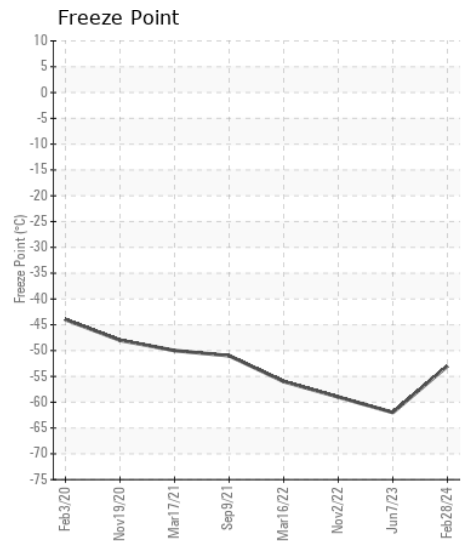
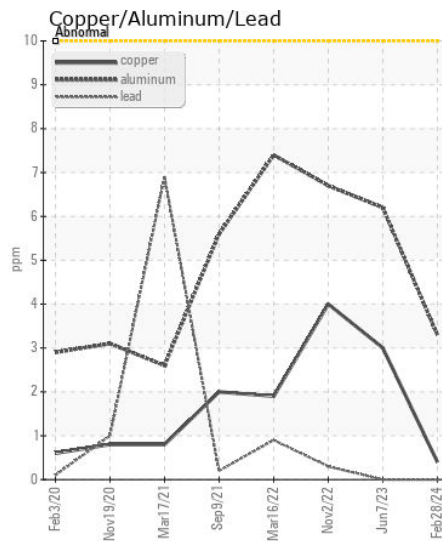
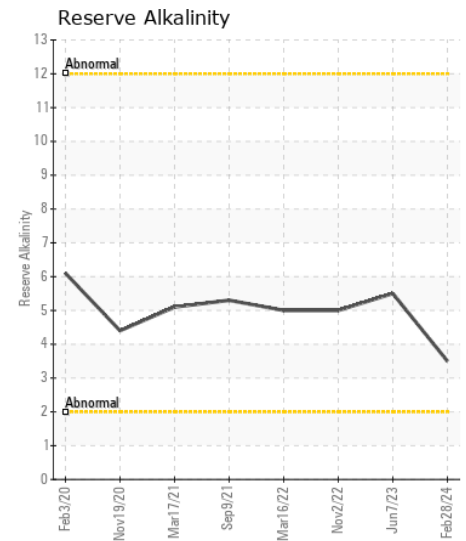
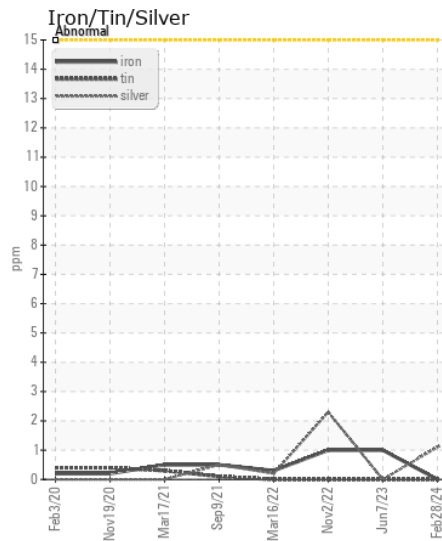
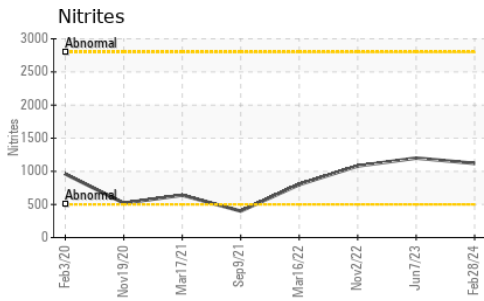
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	18	7	7
Magnesium	ppm	ASTM D5185(m)	>40	2	3	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. The reserve alkalinity of this fluid is acceptable.

Specific Gravity		ASTM D1298*		1.084	1.083	1.081
pH	Scale 0-14	ASTM D1287*	9.0	8.08	8.24	8.14
Nitrites	ppm	Alcan Test Kit*		1120	1200	1080
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.5	5.5	5.0
Percentage Glycol	%	ASTM D3321*	50	64.5	63.4	61.0
Freezing Point	°C	ASTM D3321*	-40	-53	-62	-59
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		114	132	156
Phosphorus	ppm	ASTM D5185(m)		8	14	13
Boron	ppm	ASTM D5185(m)		64	95	116
Molybdenum	ppm	ASTM D5185(m)		535	554	702
Sodium	ppm	ASTM D5185(m)		11562	3927	4893
Potassium	ppm	ASTM D5185(m)		410	471	625
Coolant Color		Visual*	Orange/R	Red	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084353
Lab Number : 02619078
Unique Number : 5736188
Test Package : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUVILLE 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: