



Machine Id
F85101

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		PC0084435	PC00719321	PC0060273
Sample Date		Client Info		28 Feb 2024	29 Jan 2023	28 Jul 2022
Machine Age	hrs	Client Info		7636	7463	6532
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	5	2
Aluminum	ppm	ASTM D5185(m)	>10	2	5	2
Copper	ppm	ASTM D5185(m)	>10	0	5	5
Lead	ppm	ASTM D5185(m)	>10	0	<1	0
Tin	ppm	ASTM D5185(m)	>10	0	<1	0
Silver	ppm	ASTM D5185(m)	>10	<1	4	0
Zinc	ppm	ASTM D5185(m)	>10	4	8	4

CONTAMINANTS

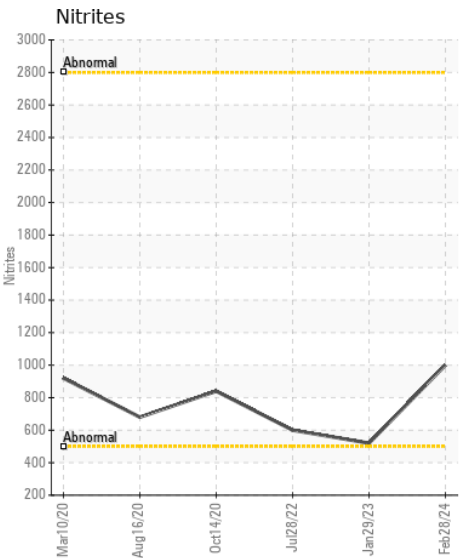
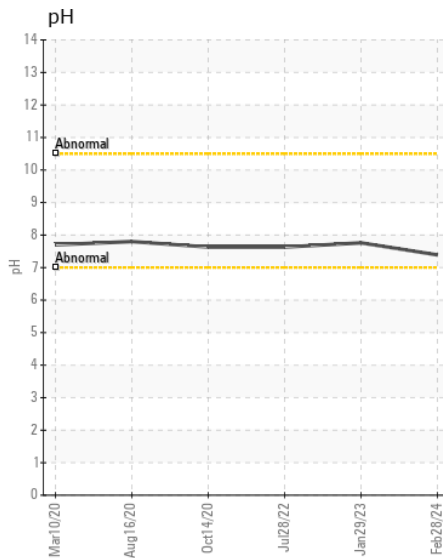
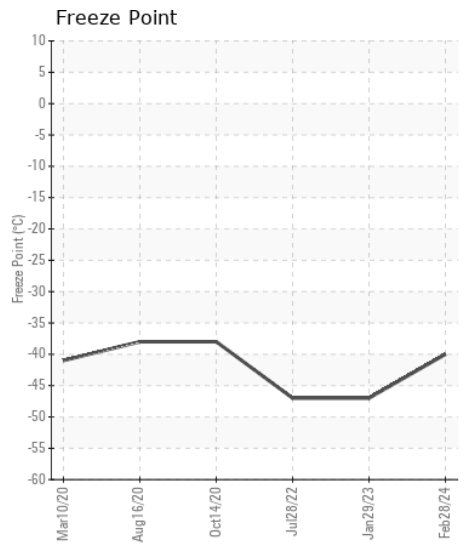
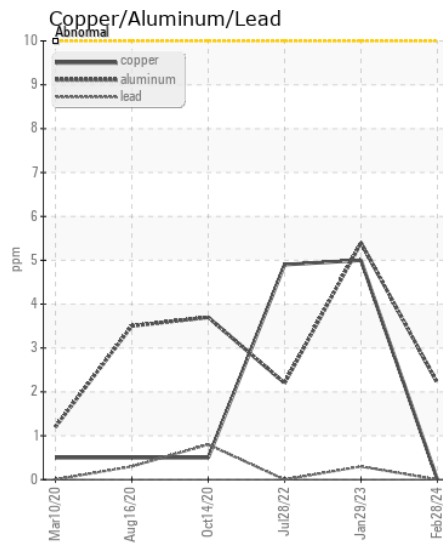
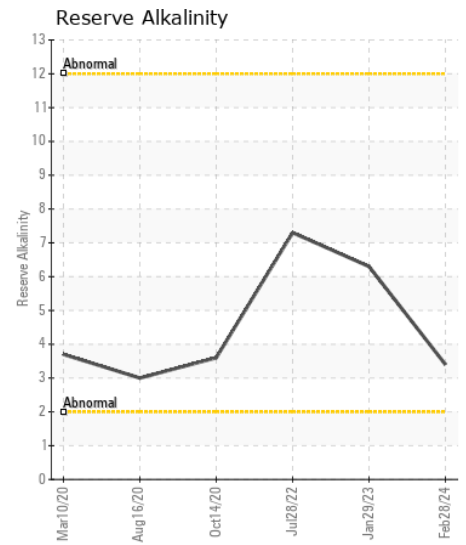
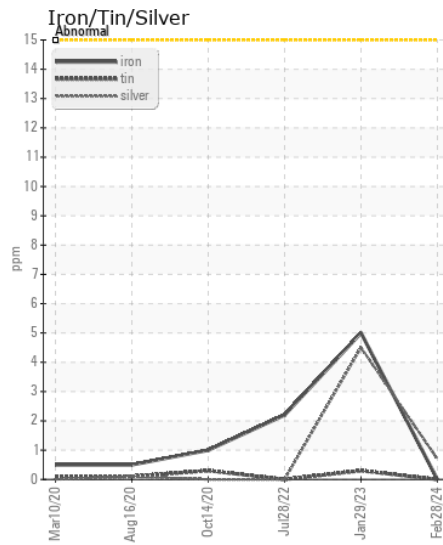
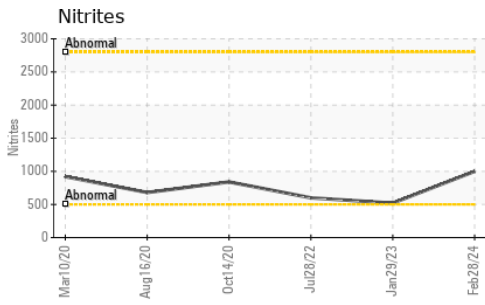
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	9	18	6
Magnesium	ppm	ASTM D5185(m)	>40	3	4	3
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*		1.070	1.075	1.074
pH	Scale 0-14	ASTM D1287*	9.0	7.39	7.76	7.63
Nitrites	ppm	Alcan Test Kit*		1000	520	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.4	6.3	7.3
Percentage Glycol	%	ASTM D3321*	50	52.6	55.6	55.0
Freezing Point	°C	ASTM D3321*	-40	-40	-47	-47
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		36	54	62
Phosphorus	ppm	ASTM D5185(m)		20	74	44
Boron	ppm	ASTM D5185(m)		293	596	622
Molybdenum	ppm	ASTM D5185(m)		316	270	279
Sodium	ppm	ASTM D5185(m)		8195	3475	3274
Potassium	ppm	ASTM D5185(m)		788	1259	1296
Coolant Color		Visual*	Orange/R	Red	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084435 **Received** : 29 Feb 2024
Lab Number : 02619081 **Tested** : 29 Feb 2024
Unique Number : 5736191 **Diagnosed** : 29 Feb 2024 - Kevin Marson
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: