



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

1501

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		PC0083193	WC0064348	PC0053326
Sample Date		Client Info		23 Apr 2024	09 Jun 2022	24 Nov 2021
Machine Age	hrs	Client Info		14631	12680	11875
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	8	1	<1
Aluminum	ppm	ASTM D5185(m)	>10	4	5	4
Copper	ppm	ASTM D5185(m)	>10	<1	2	1
Lead	ppm	ASTM D5185(m)	>10	0	1	<1
Tin	ppm	ASTM D5185(m)	>10	0	<1	<1
Silver	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	2	5	<1

CONTAMINANTS

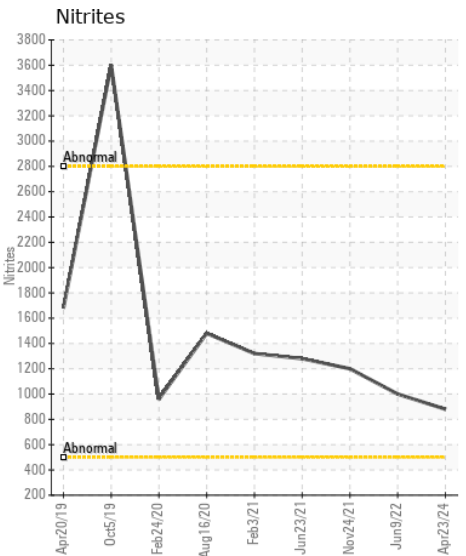
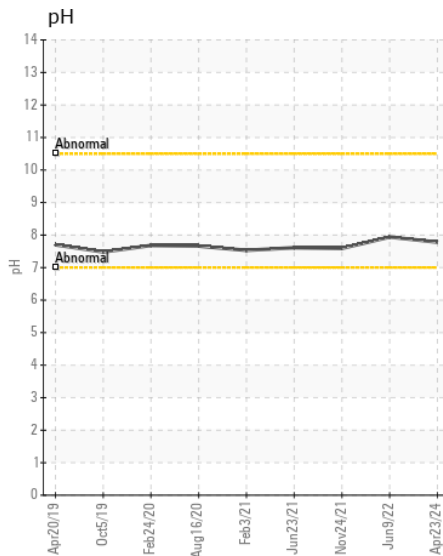
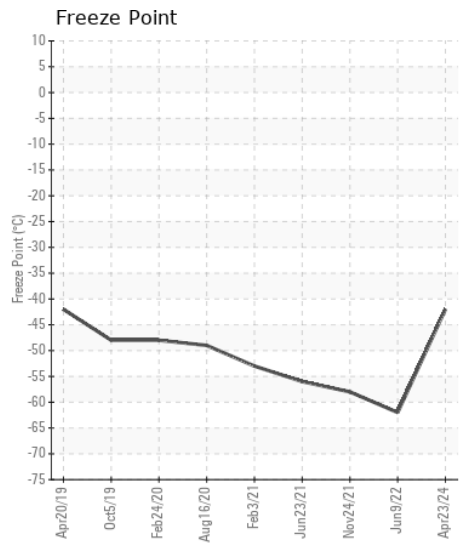
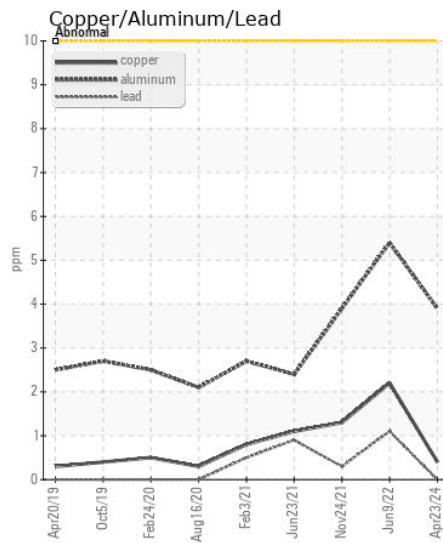
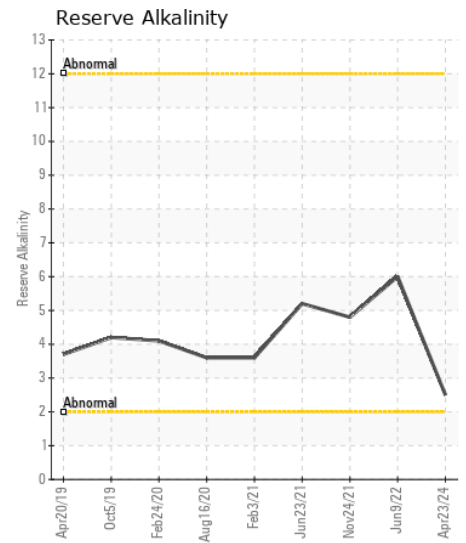
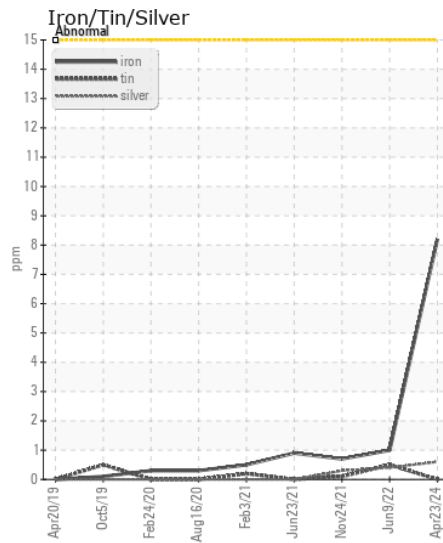
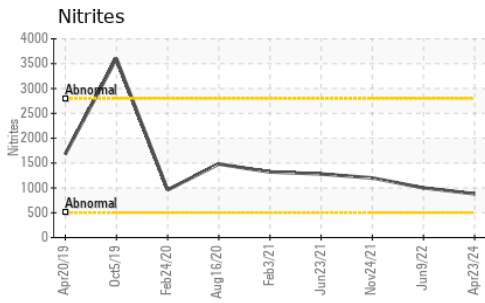
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	17	11	8
Magnesium	ppm	ASTM D5185(m)	>40	4	2	2
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.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.071	1.083	---
pH	Scale 0-14	ASTM D1287*	9.0	7.78	7.94	7.59
Nitrites	ppm	Alcan Test Kit*		880	1000	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.5	6.0	4.8
Percentage Glycol	%	ASTM D3321*	50	53.4	63.8	---
Freezing Point	°C	ASTM D3321*	-40	-42	-62	-58
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		27	111	89
Phosphorus	ppm	ASTM D5185(m)		5	17	15
Boron	ppm	ASTM D5185(m)		65	291	313
Molybdenum	ppm	ASTM D5185(m)		337	522	511
Sodium	ppm	ASTM D5185(m)		5169	2495	2596
Potassium	ppm	ASTM D5185(m)		1131	1016	561
Coolant Color		Visual*	Orange/R	Orange	Red	Red



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0083193
Lab Number : 02631242
Unique Number : 5772395
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: