

COOLANT REPORT

Area
MICHAUDVILLE

Machine Id

1221

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		PC0085082	PC0077673	PC0072224
Sample Date		Client Info		26 Jun 2024	19 Dec 2023	24 May 2023
Machine Age	hrs	Client Info		11746	10954	9993
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	<1	0	1
Aluminum	ppm	ASTM D5185(m)	>10	2	5	8
Copper	ppm	ASTM D5185(m)	>10	0	0	2
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	2	0	1

CONTAMINANTS

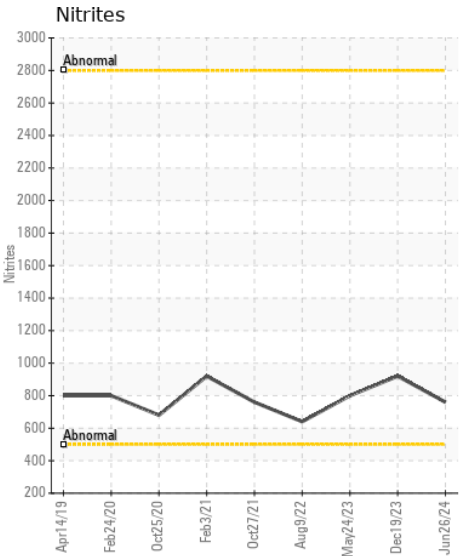
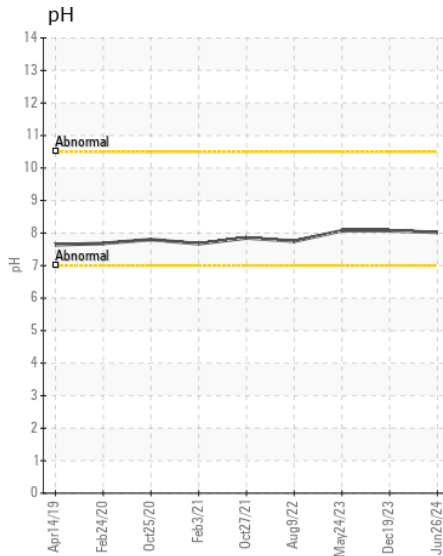
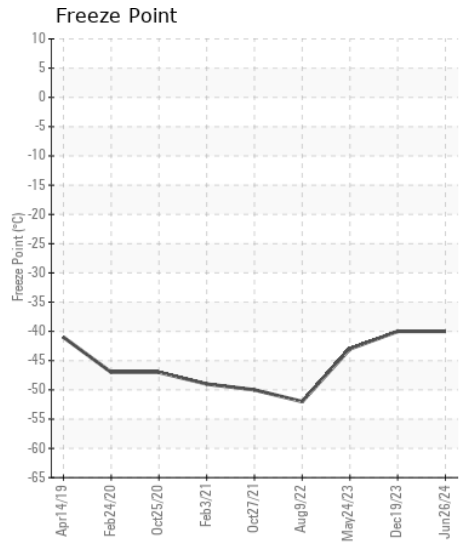
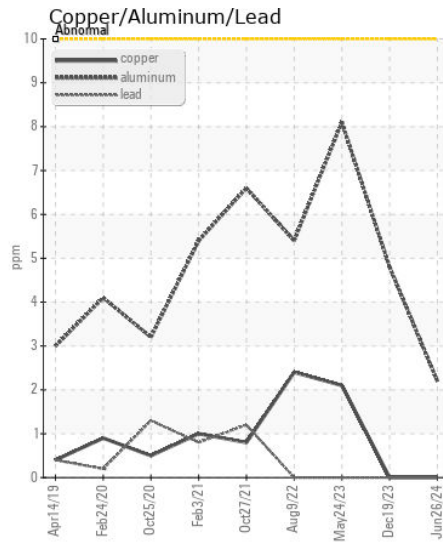
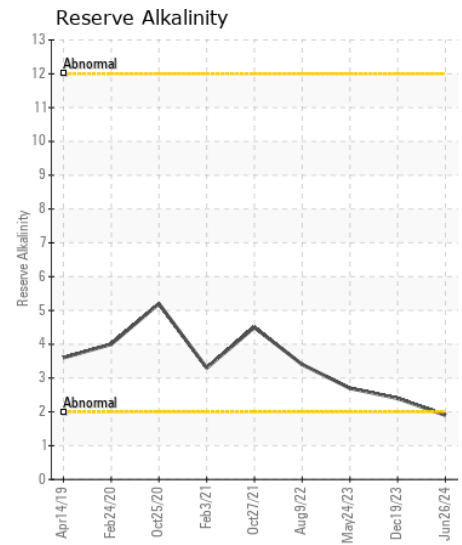
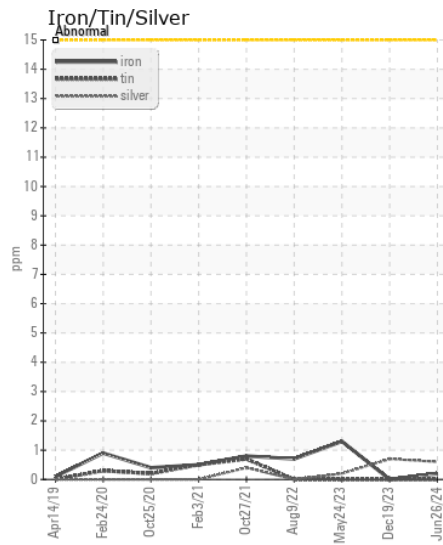
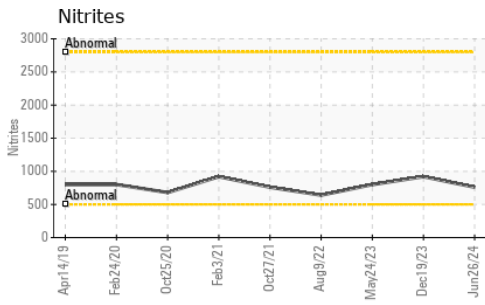
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)		21	16	23
Magnesium	ppm	ASTM D5185(m)		5	3	4
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*		108	---	---
Specific Gravity		ASTM D1298*		1.070	1.070	1.072
pH	Scale 0-14	ASTM D1287*	9.0	8.02	8.07	8.07
Nitrites	ppm	Alcan Test Kit*		760	920	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.9	2.4	2.7
Percentage Glycol	%	ASTM D3321*	50	52.9	52.6	53.7
Freezing Point	°C	ASTM D3321*	-40	-40	-40	-43
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		43	30	35
Phosphorus	ppm	ASTM D5185(m)		11	13	5
Boron	ppm	ASTM D5185(m)		36	49	35
Molybdenum	ppm	ASTM D5185(m)		393	383	500
Sodium	ppm	ASTM D5185(m)		5391	8959	3291
Potassium	ppm	ASTM D5185(m)		882	315	1118
Coolant Color		Visual*	Orange/R	Red	Orange	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085082
Lab Number : 02644435
Unique Number : 5801974
Test Package : MOB 1 (Additional Tests: BoilingPoint, GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
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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.

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