



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area

[103881]

Machine Id

202 MCGILL (S/N 36409946)

Component

Coolant

Fluid

FLEETGUARD ES COMPLEAT (--- 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		CU0021029	CU0020756	CU0016195
Sample Date		Client Info		21 Jun 2024	16 Jun 2023	26 Jun 2020
Machine Age	hrs	Client Info		365	344	133
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	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	0
Aluminum	ppm	ASTM D5185(m)	>10	1	1	4
Copper	ppm	ASTM D5185(m)	>10	0	2	1
Lead	ppm	ASTM D5185(m)	>10	0	0	3
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	0	0	<1
Zinc	ppm	ASTM D5185(m)	>10	0	0	0

CONTAMINANTS

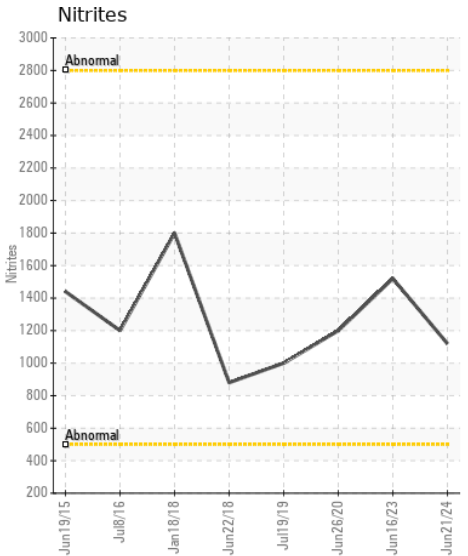
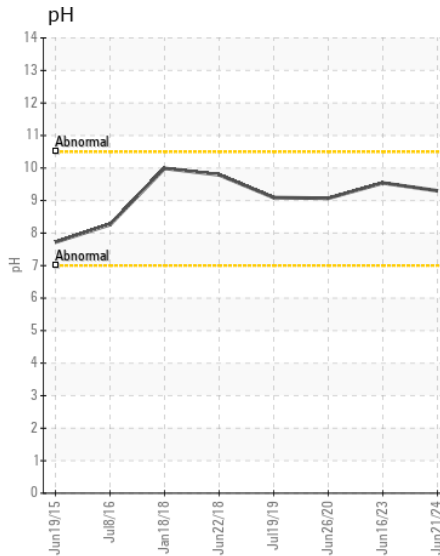
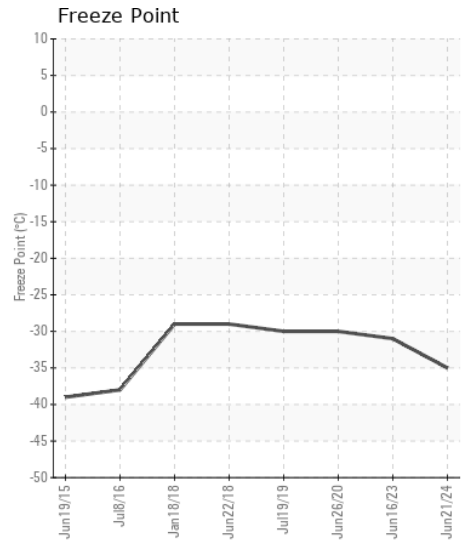
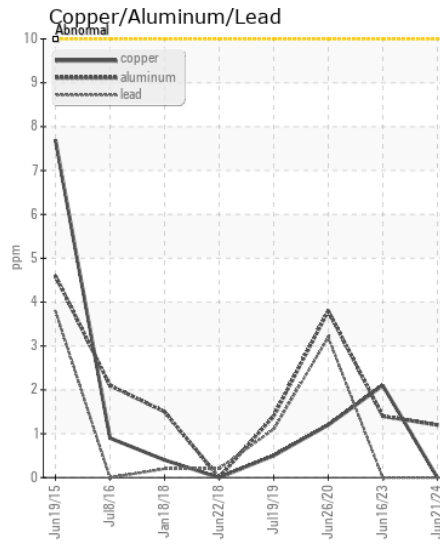
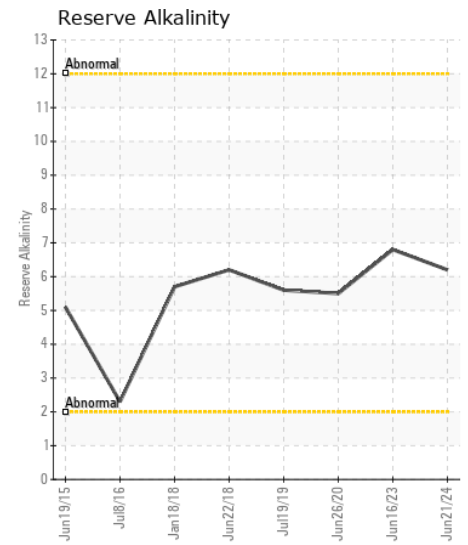
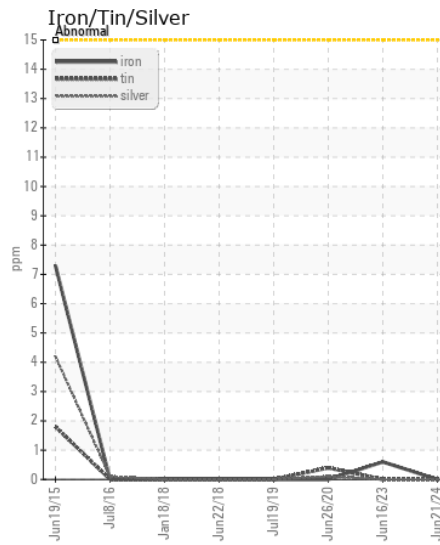
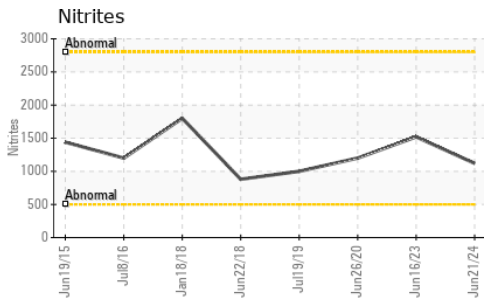
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	3	1
Magnesium	ppm	ASTM D5185(m)	>40	<1	<1	<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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*	1.07	1.065	1.065	1.060
pH	Scale 0-14	ASTM D1287*	10.5	9.30	9.54	9.07
Nitrites	ppm	Alcan Test Kit*		1120	1520	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	6.2	6.8	5.5
Percentage Glycol	%	ASTM D3321*		48.4	48.1	44.0
Freezing Point	°C	ASTM D3321*	-37	-35	-31	-30
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		50	30	60
Phosphorus	ppm	ASTM D5185(m)		732	795	1027
Boron	ppm	ASTM D5185(m)		226	206	256
Molybdenum	ppm	ASTM D5185(m)		381	354	431
Sodium	ppm	ASTM D5185(m)		973	901	1069
Potassium	ppm	ASTM D5185(m)		4037	2332	3164
Coolant Color		Visual*	Blue	Blue	Blue	Blue



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0021029 **Received** : 25 Jun 2024
Lab Number : 02644071 **Tested** : 26 Jun 2024
Unique Number : 5801610 **Diagnosed** : 27 Jun 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.