



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	ABNORMAL
COOLANT CONDITION	NORMAL

Area
SCHLEGEL VILLAGES [148516]

Machine Id
06R0627204

Component
Coolant

Fluid
FLEETGUARD ES COMPLEAT (--- GAL)

RECOMMENDATION

The coolant change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0021878	CU0016348	---
Sample Date		Client Info		05 Dec 2023	18 Aug 2020	---
Machine Age	hrs	Client Info		314	0	---
Oil Age	hrs	Client Info		1	0	---
Oil Changed		Client Info		Changed	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	3	5	---
Aluminum	ppm	ASTM D5185(m)	>10	2	<1	---
Copper	ppm	ASTM D5185(m)	>10	7	▲ 41	---
Lead	ppm	ASTM D5185(m)	>10	0	2	---
Tin	ppm	ASTM D5185(m)	>10	0	<1	---
Silver	ppm	ASTM D5185(m)	>10	<1	0	---
Zinc	ppm	ASTM D5185(m)	>10	<1	<1	---

CONTAMINANTS

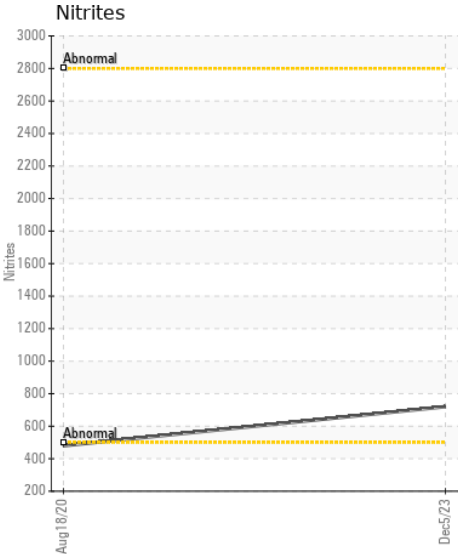
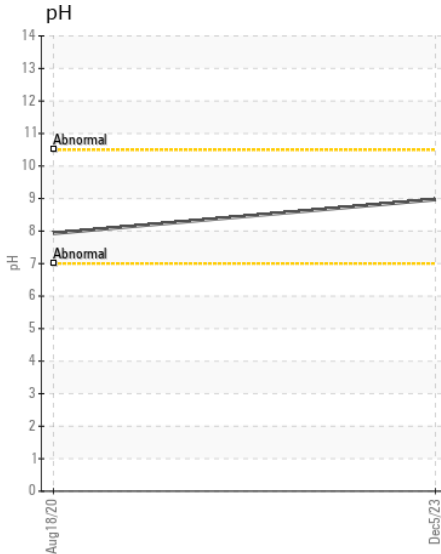
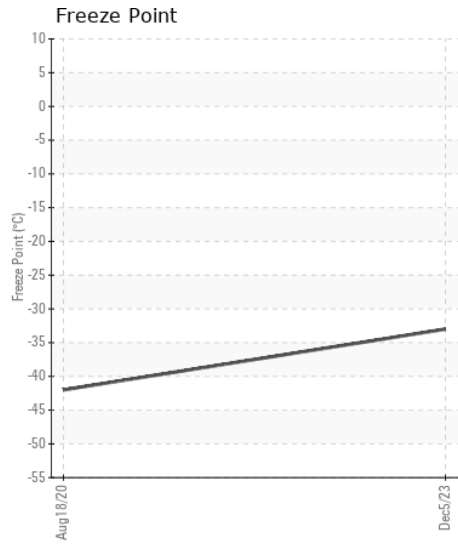
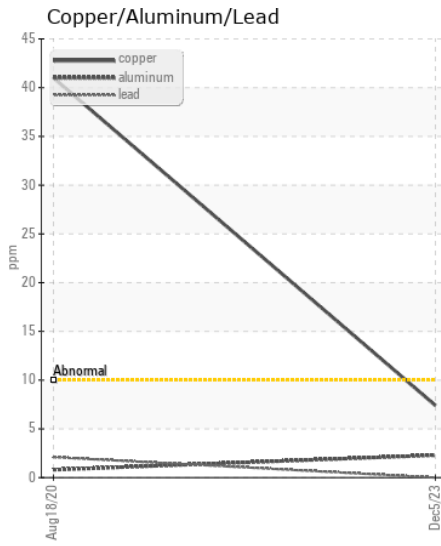
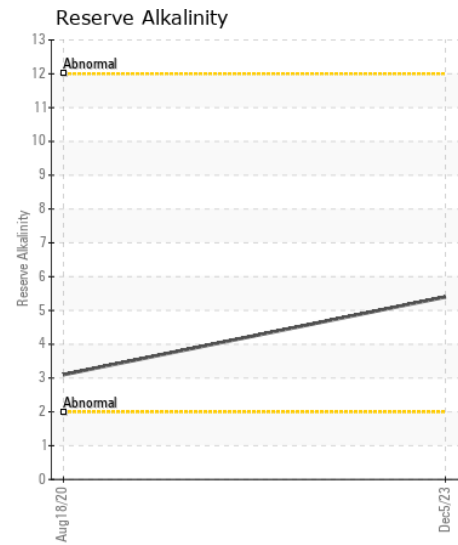
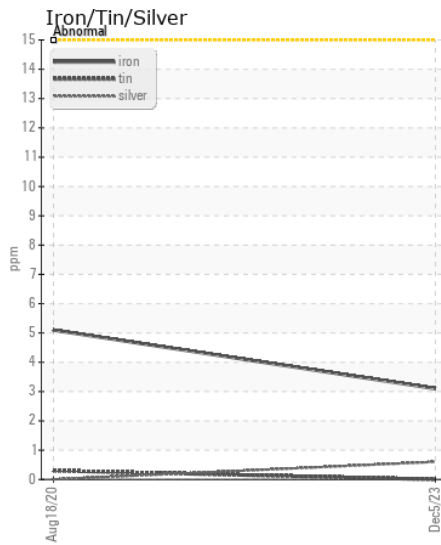
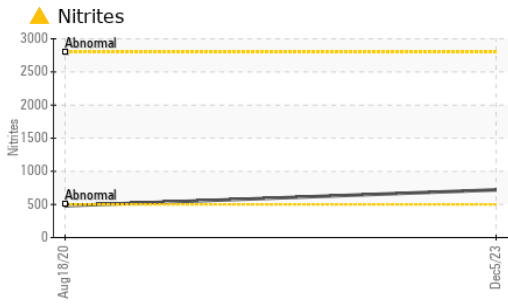
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	<1	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	<1	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	▲ Cloudy	Clear	---

COOLANT CONDITION

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. 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*	1.07	1.067	1.071	---
pH	Scale 0-14	ASTM D1287*	10.5	8.97	7.93	---
Nitrites	ppm	Alcan Test Kit*		720	▲ 480	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	5.4	▲ 3.1	---
Percentage Glycol	%	ASTM D3321*		49.7	53.0	---
Freezing Point	°C	ASTM D3321*	-37	-33	-42	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		47	20	---
Phosphorus	ppm	ASTM D5185(m)		802	649	---
Boron	ppm	ASTM D5185(m)		214	195	---
Molybdenum	ppm	ASTM D5185(m)		305	57	---
Sodium	ppm	ASTM D5185(m)		1172	1109	---
Potassium	ppm	ASTM D5185(m)		6347	2607	---
Coolant Color		Visual*	Blue	Green	Green	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0021878 **Received** : 19 Jan 2024
Lab Number : 02610050 **Diagnosed** : 19 Jan 2024
Unique Number : 5711136 **Diagnostician** : Kevin Marson
Test Package : COOL

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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