



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	ABNORMAL
COOLANT CONDITION	NORMAL

Area
OPG1 MANAGEMENT [151288]
 Machine Id
33205587
 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		CU0022330	---	---
Sample Date		Client Info		10 Dec 2023	---	---
Machine Age	hrs	Client Info		338	---	---
Oil Age	hrs	Client Info		1	---	---
Oil Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

CORROSION

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

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

CONTAMINANTS

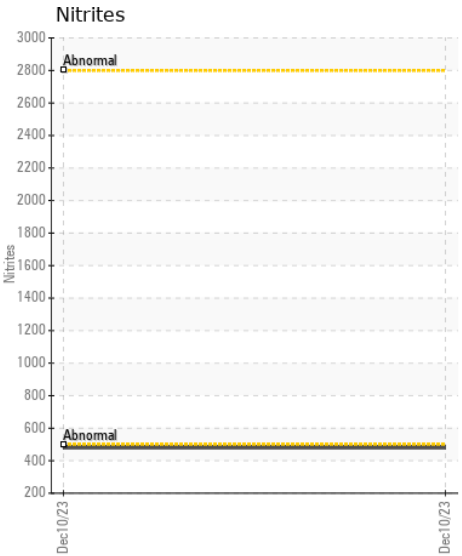
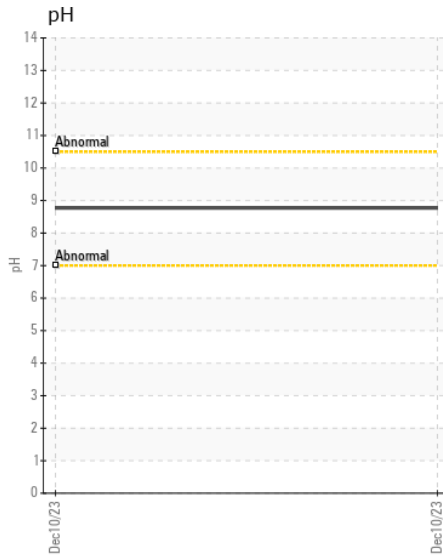
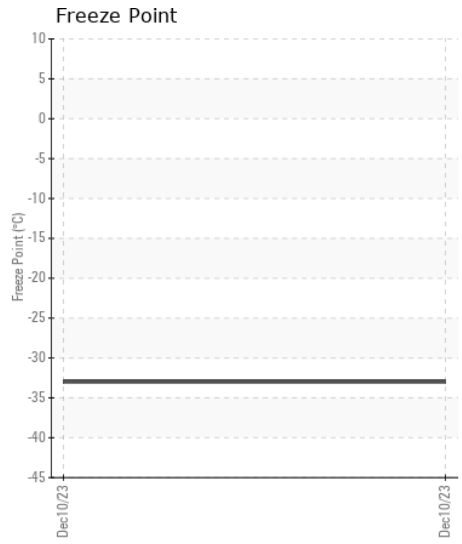
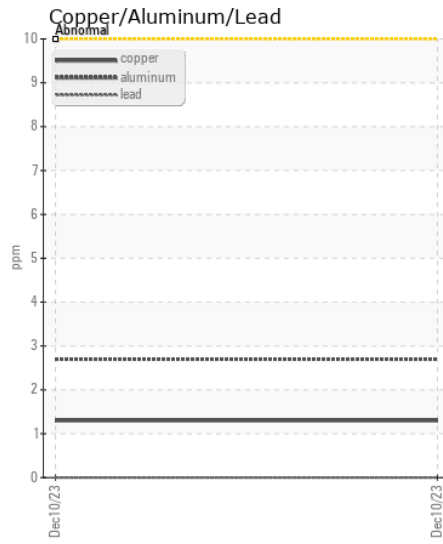
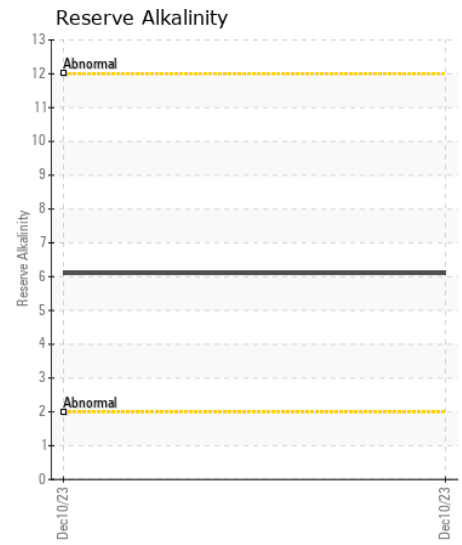
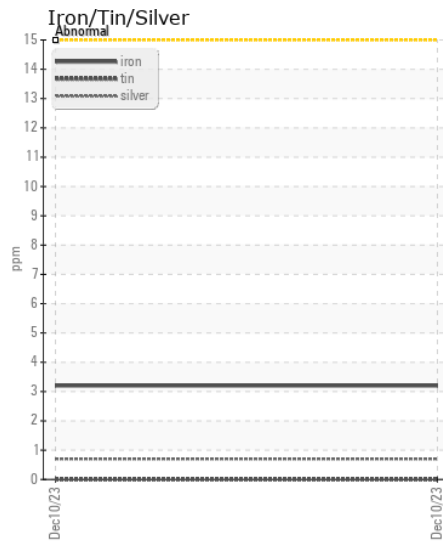
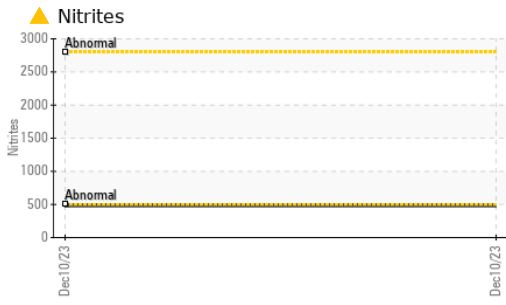
There is no indication of any contamination in the coolant.

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

COOLANT CONDITION

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. 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	---	---
pH	Scale 0-14	ASTM D1287*	10.5	8.77	---	---
Nitrites	ppm	Alcan Test Kit*		480	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	6.1	---	---
Percentage Glycol	%	ASTM D3321*		49.3	---	---
Freezing Point	°C	ASTM D3321*	-37	-33	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		59	---	---
Phosphorus	ppm	ASTM D5185(m)		868	---	---
Boron	ppm	ASTM D5185(m)		234	---	---
Molybdenum	ppm	ASTM D5185(m)		376	---	---
Sodium	ppm	ASTM D5185(m)		1256	---	---
Potassium	ppm	ASTM D5185(m)		6854	---	---
Coolant Color		Visual*	Blue	Blue	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0022330 **Received** : 19 Jan 2024 7175 PACIFIC CIRCLE
Lab Number : 02610049 **Diagnosed** : 19 Jan 2024 MISSISSAUGA, ON
Unique Number : 5711135 **Diagnostician** : Kevin Marson CA L5T 2A5
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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