



# COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area  
**SUNGARD [156133]**

Machine Id  
**L070136586**

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		<b>CU0023837</b>	CU0020909	CU0016529
Sample Date		Client Info		<b>18 Jun 2024</b>	03 May 2023	05 May 2020
Machine Age	hrs	Client Info		<b>266</b>	252	208
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	5	2
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	5	4
Copper	ppm	ASTM D5185(m)	>10	<b>1</b>	3	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	0

## CONTAMINANTS

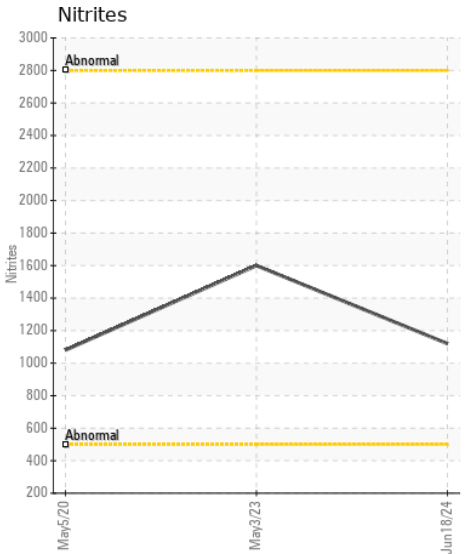
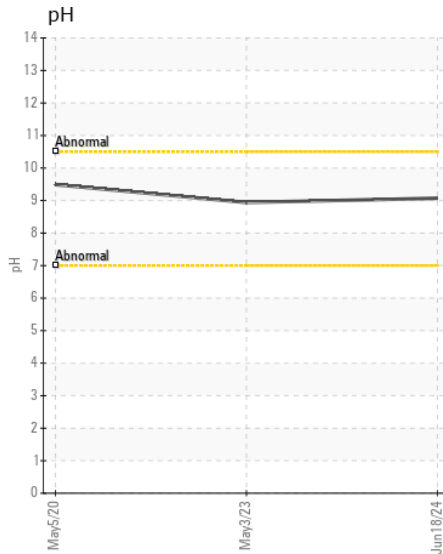
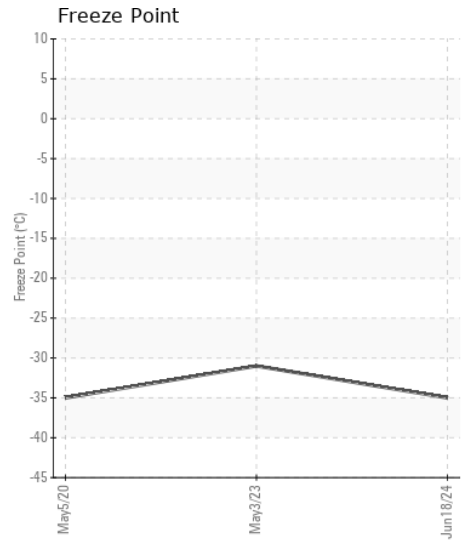
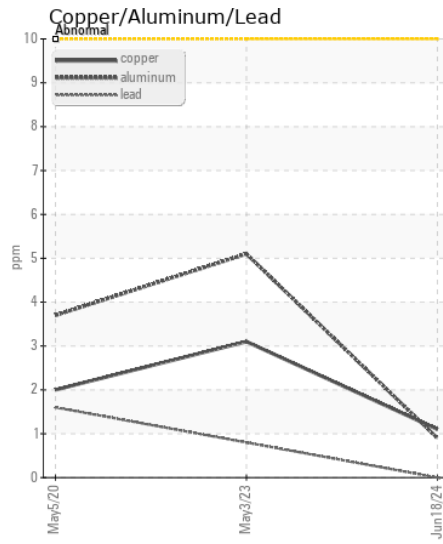
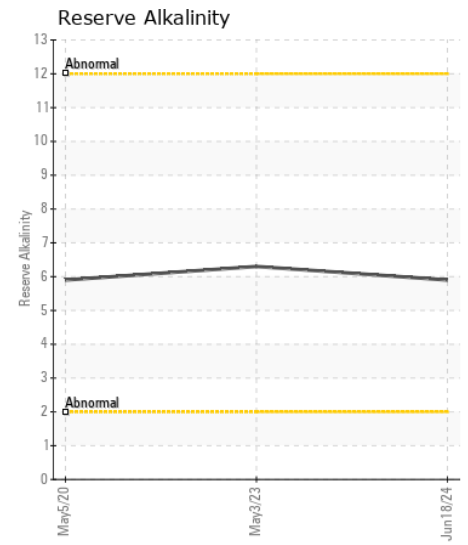
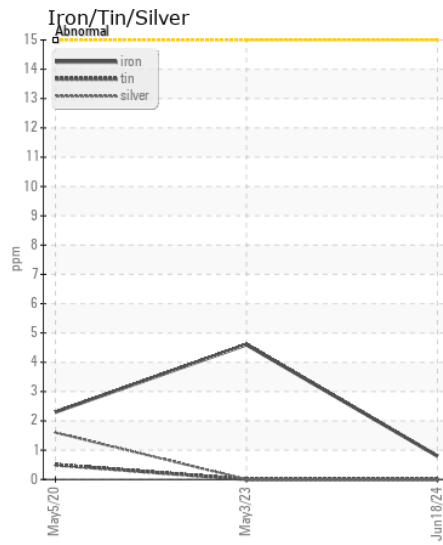
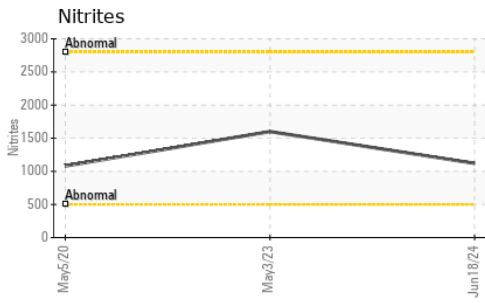
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	5
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	2
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	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*		<b>107</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.065</b>	1.065	1.066
pH	Scale 0-14	ASTM D1287*	9.0	<b>9.07</b>	8.94	9.49
Nitrites	ppm	Alcan Test Kit*		<b>1120</b>	1600	1080
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>5.9</b>	6.3	5.9
Percentage Glycol	%	ASTM D3321*	50	<b>48.2</b>	48.0	49.0
Freezing Point	°C	ASTM D3321*	-40	<b>-35</b>	-31	-35
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>57</b>	59	52
Phosphorus	ppm	ASTM D5185(m)		<b>837</b>	748	1014
Boron	ppm	ASTM D5185(m)		<b>248</b>	261	283
Molybdenum	ppm	ASTM D5185(m)		<b>383</b>	424	449
Sodium	ppm	ASTM D5185(m)		<b>1145</b>	992	1129
Potassium	ppm	ASTM D5185(m)		<b>4381</b>	2496	3258
Coolant Color		Visual*	Orange/R	<b>Blue</b>	Blue	Blue



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0023837  
**Lab Number** : 02643525  
**Unique Number** : 5801064  
**Test Package** : COOL ( Additional Tests: GlycolType )  
**Received** : 21 Jun 2024  
**Tested** : 21 Jun 2024  
**Diagnosed** : 24 Jun 2024 - Kevin Marson

**CUMMINS CANADA ULC - GENERATOR DIVISION**  
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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.