

# COOLANT REPORT

Sample Rating Trend



**NORMAL**



Area  
**[6100299084]**  
Machine Id  
**SGM3253DF**  
Component  
**Coolant**  
Fluid  
**DETROIT DIESEL POWER COOL (--- GAL)**

**DIAGNOSIS**

**Recommendation**  
The fluid is suitable for further service. Resample at the next service interval to monitor.

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

**Contaminants**  
There is no indication of any contamination in the coolant.

**Coolant Condition**  
The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

**SAMPLE INFORMATION** method limit/base current history1 history2

Sample Number	Client Info	<b>WA0020211</b>	---	---
Sample Date	Client Info	<b>17 Jun 2024</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

**PHYSICAL TEST RESULTS** method limit/base current history1 history2

Glycol Type	FT-IR	<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*	<b>1.069</b>	---	---
pH	Scale 0-14 ASTM D1287*	<b>9.5</b>	---	---
Nitrites	ppm Alcan Test Kit*	<b>760</b>	---	---
Reserve Alkalinity	Scale 0-20 ASTM D1121*	<b>2.8</b>	---	---
Percentage Glycol	% ASTM D3321*	<b>51.4</b>	---	---
Freezing Point	°C ASTM D3321*	<b>-39</b>	---	---
Carboxylate		<b>---</b>	---	---

**CORROSION INHIBITORS** method limit/base current history1 history2

Silicon	ppm ASTM D5185(m)	150	<b>14</b>	---	---
Phosphorus	ppm ASTM D5185(m)	0	<b>18</b>	---	---
Boron	ppm ASTM D5185(m)	300	<b>321</b>	---	---
Molybdenum	ppm ASTM D5185(m)		<b>2</b>	---	---

**CORROSION** method limit/base current history1 history2

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

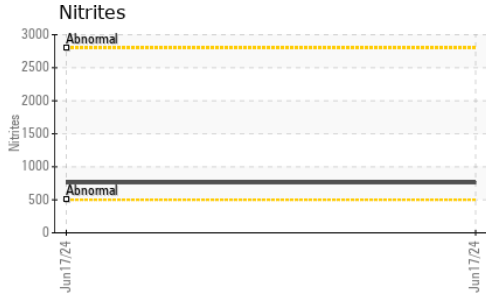
**CARRIER SALTS** method limit/base current history1 history2

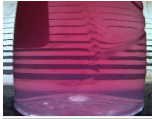

Sodium	ppm ASTM D5185(m)		<b>2106</b>	---	---
Potassium	ppm ASTM D5185(m)		<b>51</b>	---	---

**SCALE POTENTIAL** method limit/base current history1 history2

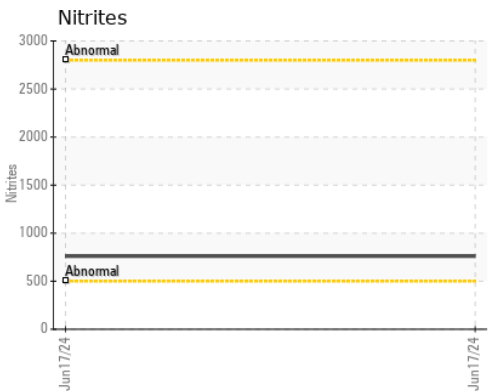
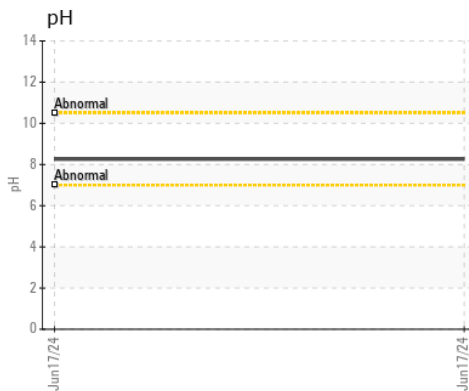
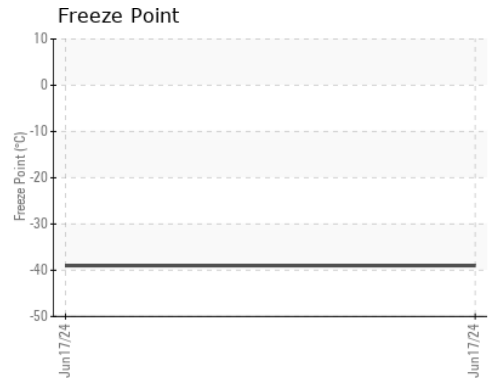
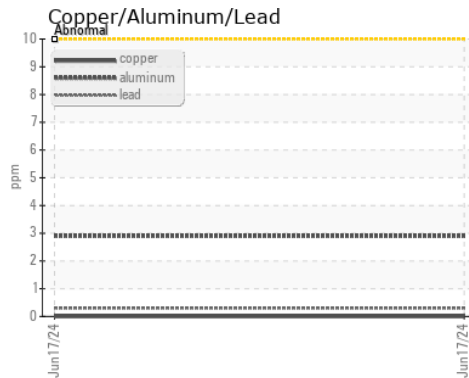
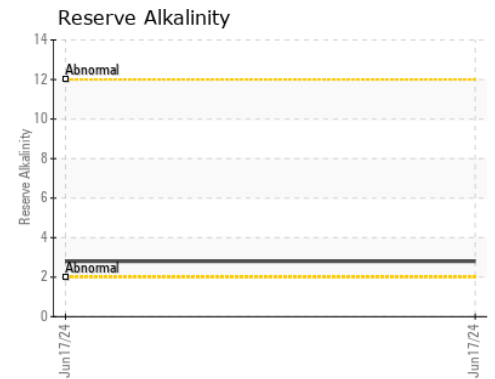
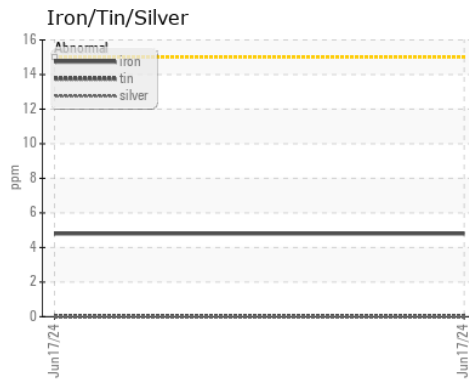
Calcium	ppm ASTM D5185(m)	>100	<b>&lt;1</b>	---	---
Magnesium	ppm ASTM D5185(m)	>40	<b>1</b>	---	---
Hardness	mg/L CaCO3 In-house*	<75	<b>4</b>	---	---

# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Pink	<b>Pink</b>	---	---
Coolant Appearance	Visual*	Clear	<b>Clear</b>	---	---
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020211 **Received** : 26 Jun 2024  
**Lab Number** : **02644248** **Tested** : 26 Jun 2024  
**Unique Number** : 5801787 **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.