



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**COOLANT REPORT**

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

Area

**[287041]**

Machine Id

**GEN A**

Component

**Coolant**

Fluid

**DETROIT DIESEL POWER COOL (--- 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>WA0018423</b>	---	---
Sample Date		Client Info		<b>06 May 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>	---	---

**CORROSION**

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

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

**CONTAMINANTS**

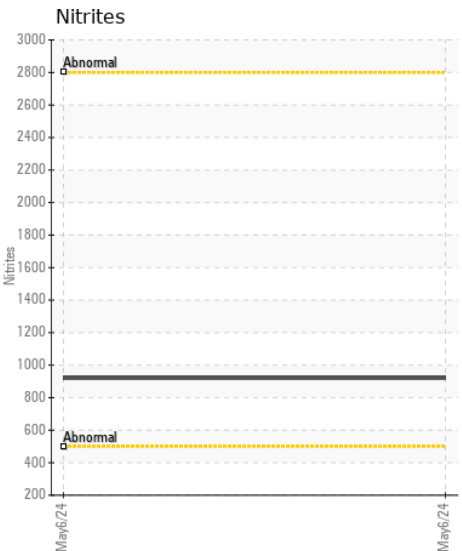
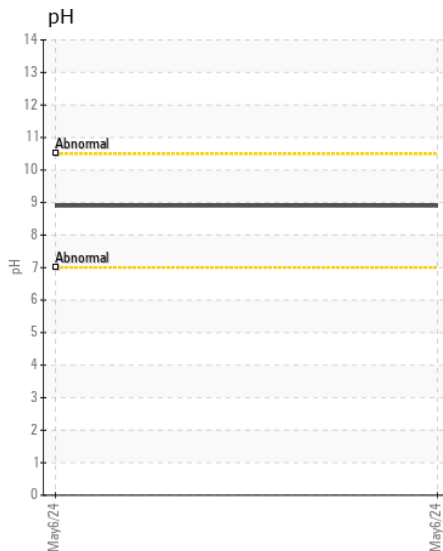
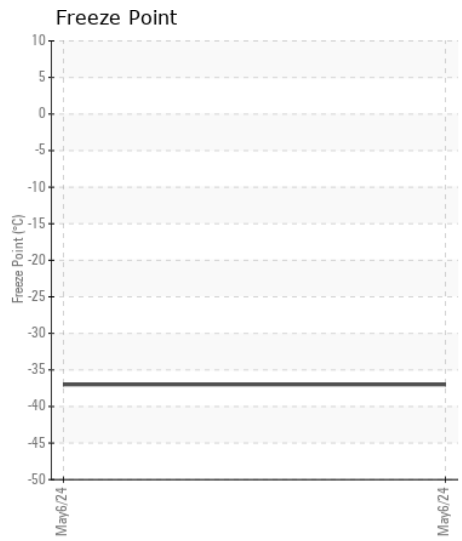
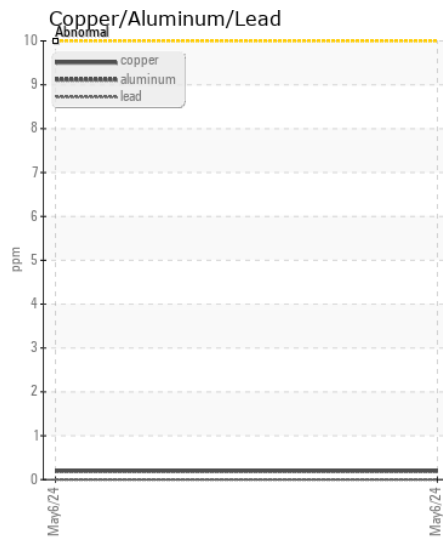
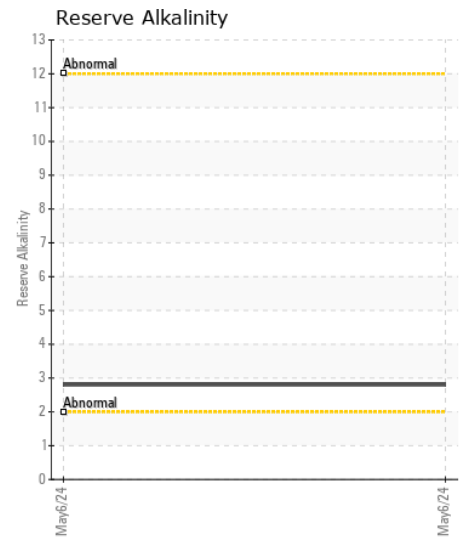
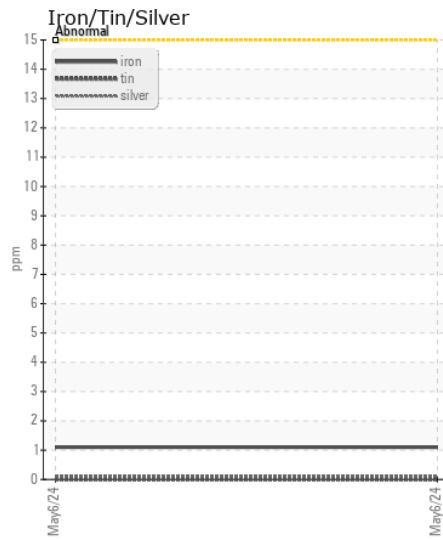
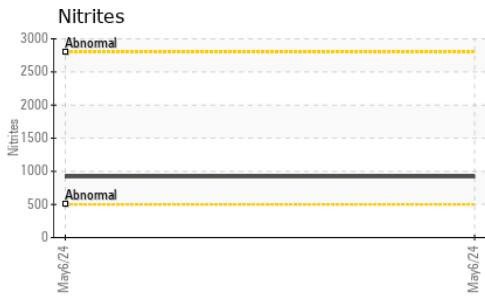
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>4</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

**COOLANT CONDITION**

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>1.068</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.90</b>	---	---
Nitrites	ppm	Alcan Test Kit*	500	<b>920</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.8</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>50.8</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-37</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)	150	<b>35</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	0	<b>286</b>	---	---
Boron	ppm	ASTM D5185(m)	300	<b>244</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>6</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>1851</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>680</b>	---	---
Coolant Color		Visual*	Pink	<b>Purple</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0018423 **Received** : 14 May 2024  
**Lab Number** : 02635424 **Tested** : 14 May 2024  
**Unique Number** : 5776577 **Diagnosed** : 15 May 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

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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