



# COOLANT REPORT

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

Machine Id  
**KOHLER Green Shield B**  
 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>WC0849175</b>	WC0870008	---
Sample Date		Client Info		<b>15 Jun 2024</b>	05 Feb 2024	---
Machine Age	hrs	Client Info		<b>0</b>	0	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## CORROSION

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

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

## CONTAMINANTS

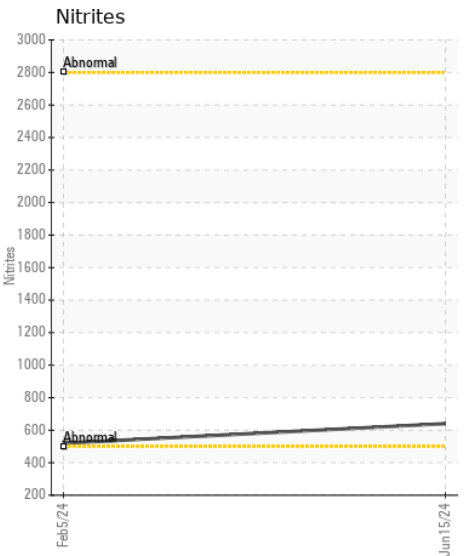
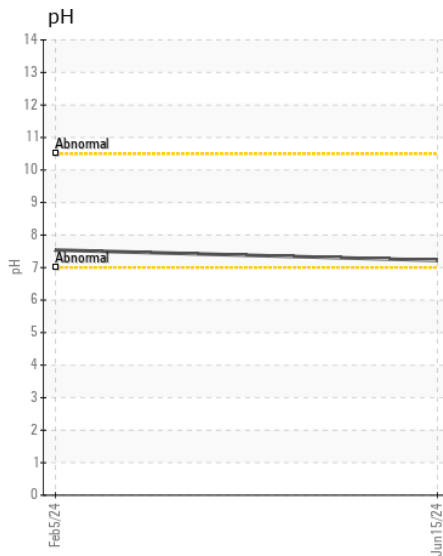
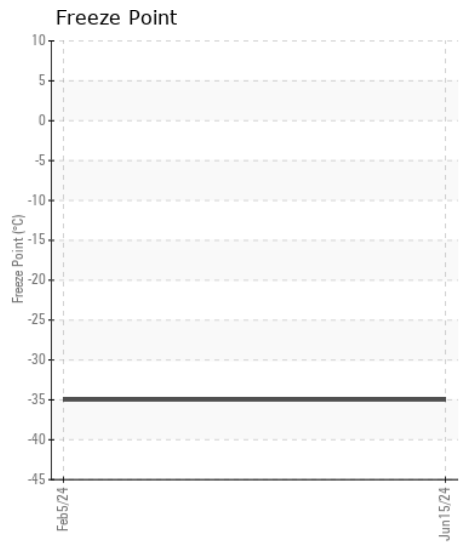
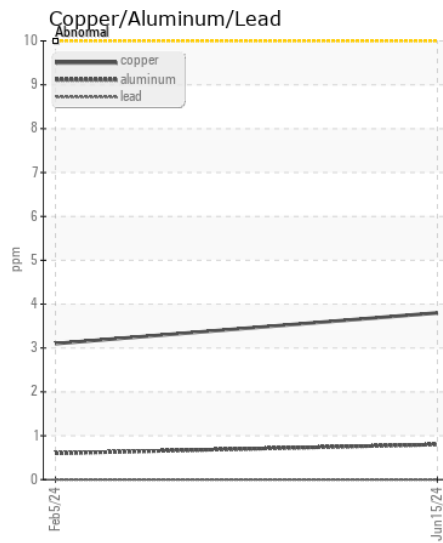
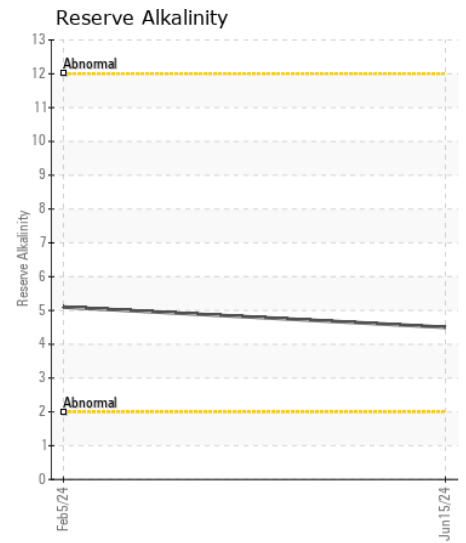
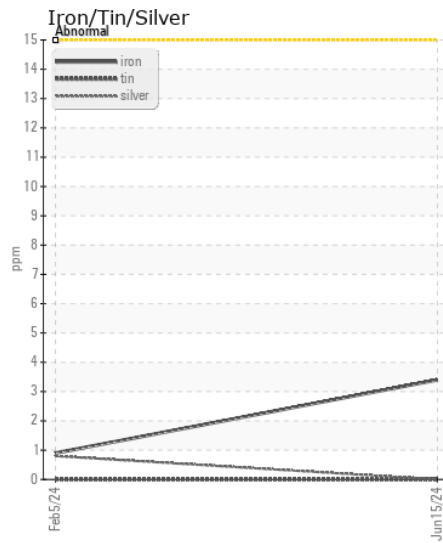
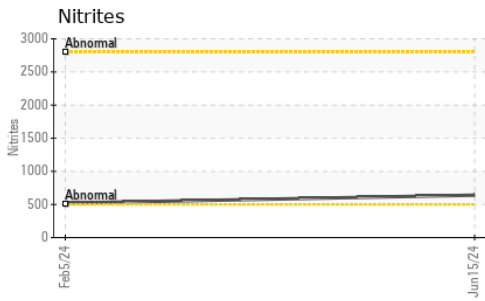
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>3</b>	3	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	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>	107	---
Specific Gravity		ASTM D1298*		<b>1.065</b>	1.066	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.22</b>	7.54	---
Nitrites	ppm	Alcan Test Kit*		<b>640</b>	520	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>4.5</b>	5.1	---
Percentage Glycol	%	ASTM D3321*	50	<b>48.5</b>	48.8	---
Freezing Point	°C	ASTM D3321*	-40	<b>-35</b>	-35	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>31</b>	29	---
Phosphorus	ppm	ASTM D5185(m)		<b>19</b>	31	---
Boron	ppm	ASTM D5185(m)		<b>764</b>	933	---
Molybdenum	ppm	ASTM D5185(m)		<b>83</b>	78	---
Sodium	ppm	ASTM D5185(m)		<b>5626</b>	8015	---
Potassium	ppm	ASTM D5185(m)		<b>145</b>	141	---
Coolant Color		Visual*	Orange/R	<b>Red</b>	Red	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0849175 **Received** : 19 Jun 2024  
**Lab Number** : 02643046 **Tested** : 20 Jun 2024  
**Unique Number** : 5800585 **Diagnosed** : 21 Jun 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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