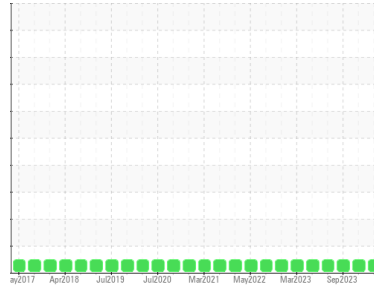




# COOLANT REPORT

## Sample Rating Trend



**NORMAL**



Area  
 Machine Id **[W150780]**  
**CITY OF RALEIGH**  
 Component  
**Coolant**  
 Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**

### DIAGNOSIS

#### Recommendation

The fluid is suitable for further service.

#### Contaminants

There is no indication of any contamination in the coolant.

#### Coolant Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

### SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WC0812752</b>	WC0812758	WC0770615
Sample Date	Client Info	<b>04 Apr 2024</b>	14 Dec 2023	12 Sep 2023
Machine Age	hrs Client Info	<b>0</b>	0	0
Oil Age	hrs Client Info	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

### PHYSICAL TEST RESULTS

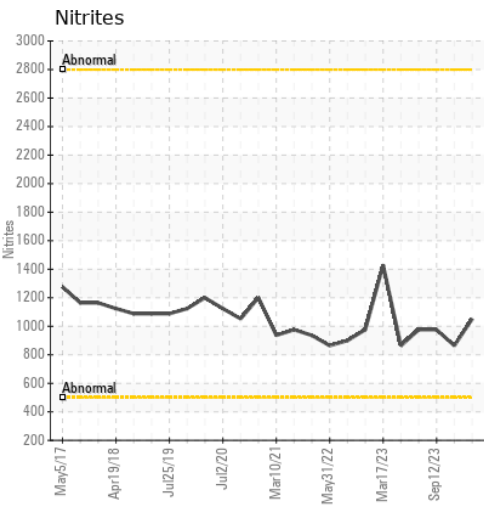
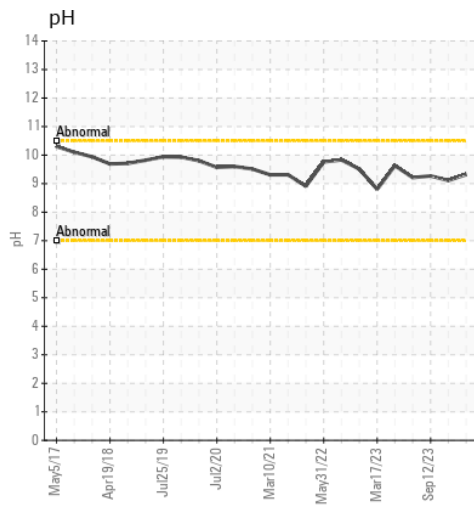
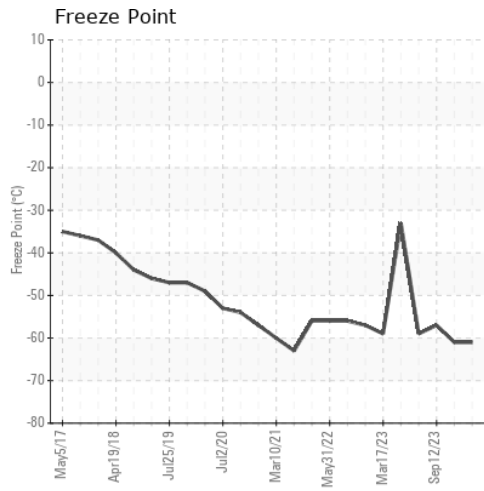
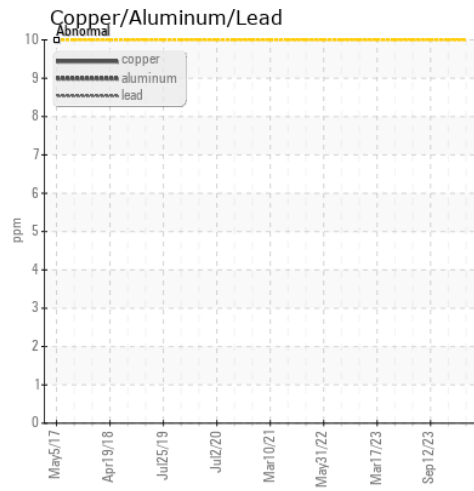
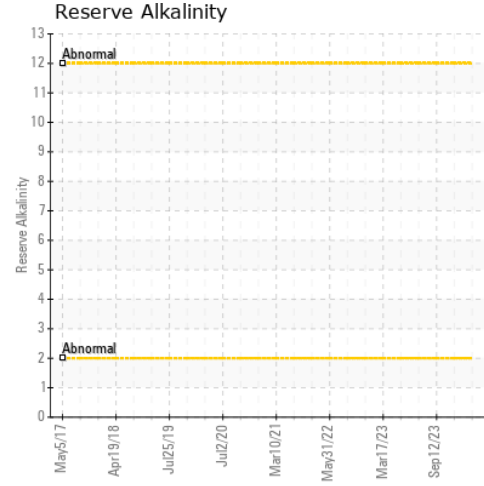
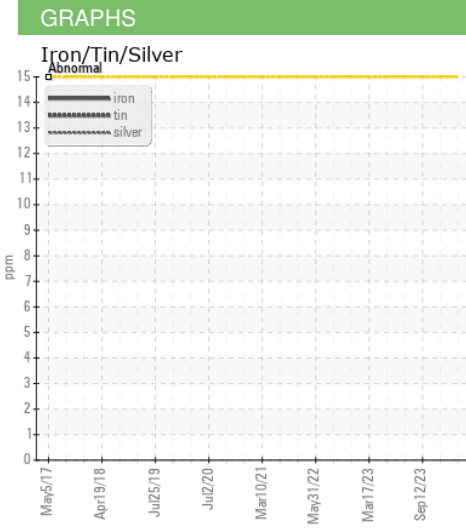
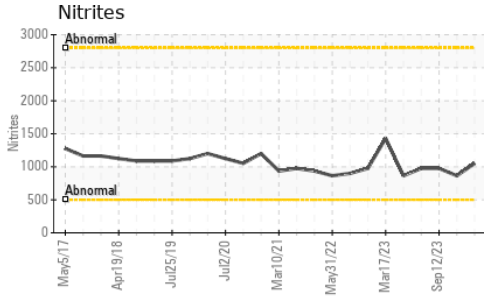
method	limit/base	current	history1	history2
Glycol Type	FT-IR	<b>---</b>	---	---
Specific Gravity	*ASTM D1298	<b>1.082</b>	1.082	1.080
pH	Scale 0-14 ASTM D1287	<b>9.32</b>	9.11	9.27
Nitrites	ppm AP-053:2009	<b>1052</b>	864	976
Reserve Alkalinity	Scale 0-20 *ASTM D1121	<b>---</b>	---	---
Percentage Glycol	% ASTM D3321	<b>62.3</b>	62.0	60.9
Freezing Point	°F ASTM D3321	<b>-61</b>	-61	-57
Total Dissolved Solids		<b>330.5</b>	253.0	295.0
Carboxylate		<b>n/a</b>	n/a	n/a

### VISUAL

method	limit/base	current	history1	history2
Coolant Color	*Visual	<b>Yellow</b>	Yellow	Yellow
Coolant Appearance	*Visual	<b>normal</b>	normal	normal
Color				
Bottom				



# COOLANT REPORT



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0812752  
**Lab Number** : 06149241  
**Unique Number** : 10979319  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**Received** : 15 Apr 2024  
**Tested** : 16 Apr 2024  
**Diagnosed** : 18 Apr 2024 - Jonathan Hester

**NATIONAL POWER CORP**  
 4541 PRESLYN DR  
 RALEIGH, NC  
 US 27616  
 Contact: BRANDON RICE  
 brandon.rice@natpow.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T: (919)790-9714