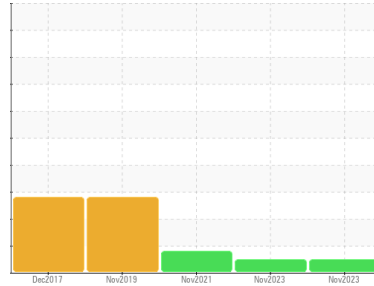




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**[W123560]**  
 Machine Id  
**92460 - CITY OF DURHAM**  
 Component  
**Coolant**  
 Fluid  
**CONVENTIONAL RED (--- 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>WC0812811</b>	WC0812747	WC0616234
Sample Date	Client Info		<b>20 Nov 2023</b>	07 Nov 2023	17 Nov 2021
Machine Age	hrs	Client Info	<b>0</b>	0	146
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.074</b>	1.073	---
pH	Scale 0-14 ASTM D1287		<b>9.01</b>	9.48	9.04
Nitrites	ppm AP-053:2009		<b>864</b>	976	748
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>55.3</b>	54.8	52
Freezing Point	°F ASTM D3321		<b>-47</b>	-45	-42
Total Dissolved Solids			<b>373.0</b>	333.0	406.5
Carboxylate			<b>n/a</b>	n/a	n/a

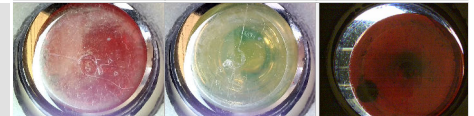
## VISUAL

	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Red</b>	Yellow	Red
Coolant Appearance	*Visual	Clear	<b>normal</b>	normal	▲ sediment

Color

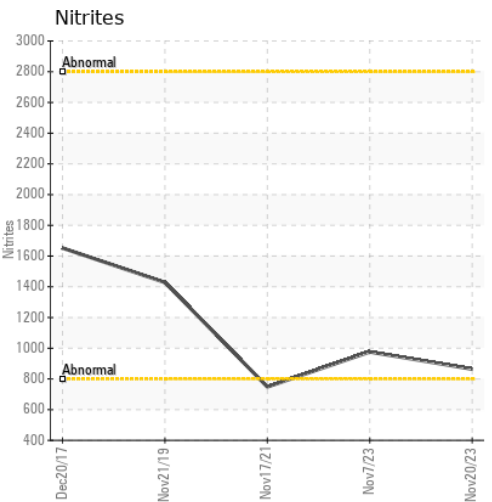
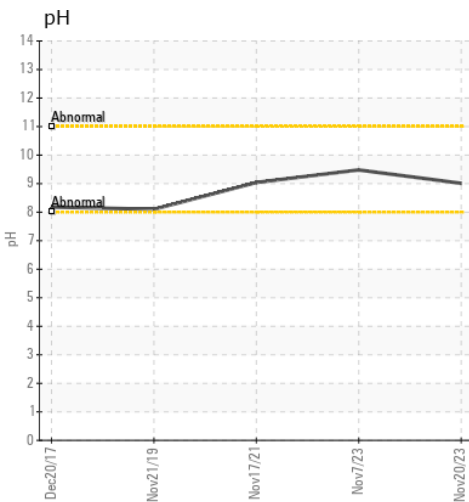
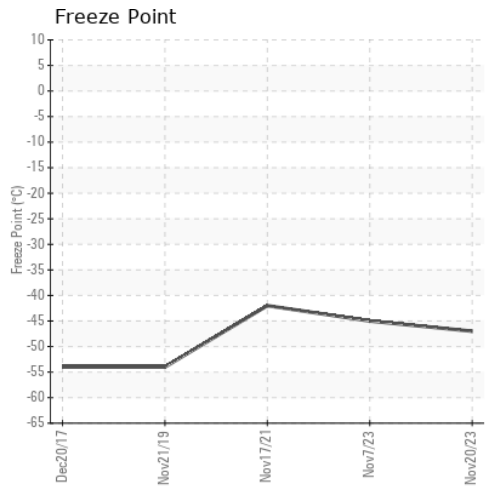
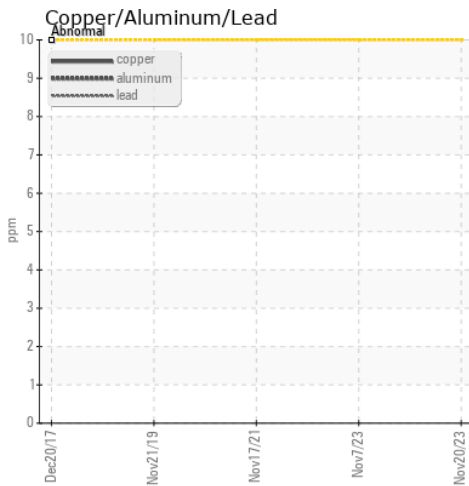
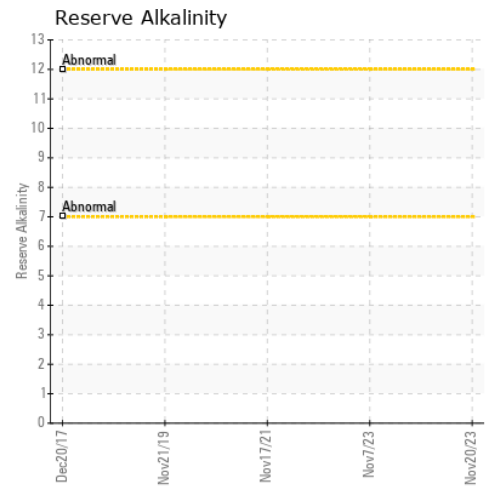
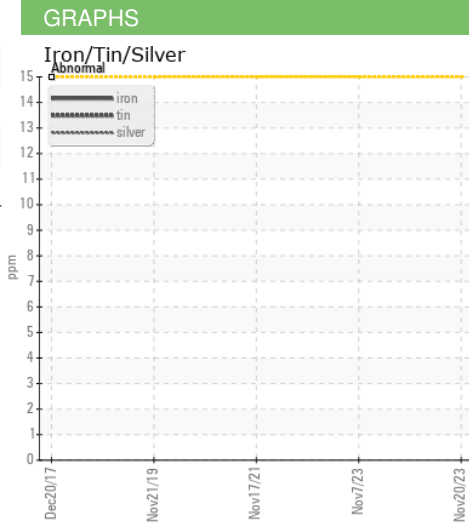
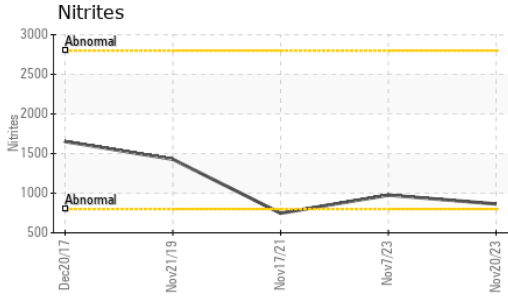


Bottom





# COOLANT REPORT



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : WC0812811 Received : 24 Nov 2023  
 Lab Number : 06017665 Diagnosed : 28 Nov 2023  
 Unique Number : 10756809 Diagnostician : Doug Bogart  
 Test Package : COOL- ( Additional Tests: COOL )

**NATIONAL POWER CORP**  
 4541 PRESLYN DR  
 RALEIGH, NC  
 US 27616  
 Contact: BRANDON RICE  
 brandon.rice@natpow.com  
 T:  
 F: (919)790-9714

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)