



# COOLANT REPORT

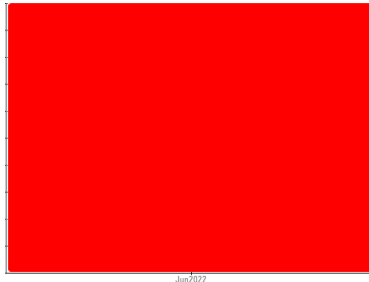
Sample Rating Trend

WEAR



Area  
**PRIDDY [200007682-60080]**

Machine Id  
**B-1**  
Component  
**Coolant**  
Fluid  
**{not provided} (--- LTR)**



## DIAGNOSIS

### ▲ Recommendation

We recommend an early resample to monitor this condition. Please specify the brand and type of the coolant on your next sample. Please submit a sample of the coolant to establish a baseline.

### ▲ Corrosion

Metal levels are high indicating corrosion in the cooling system.

### 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>NX05596579</b>	---	---
Sample Date	Client Info		<b>09 Jun 2022</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>SEVERE</b>	---	---

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Specific Gravity	*ASTM D1298		<b>1.058</b>	---	---
pH	Scale 0-14	ASTM D1287	<b>8.41</b>	---	---
Nitrites	ppm	AP-053:2009	<b>224</b>	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321	<b>43.1</b>	---	---
Freezing Point	°F	ASTM D3321	<b>-19</b>	---	---
Total Dissolved Solids			<b>161.0</b>	---	---
Carboxylate			<b>n/a</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	<b>60</b>	---	---
Phosphorus	ppm	ASTM D6130	<b>100</b>	---	---
Boron	ppm	ASTM D6130	<b>0</b>	---	---
Molybdenum	ppm	ASTM D6130	<b>1196</b>	---	---

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15 <b>▲ 113</b>	---	---
Aluminum	ppm	ASTM D6130	>10 <b>▲ 205</b>	---	---
Copper	ppm	ASTM D6130	>10 <b>1</b>	---	---
Lead	ppm	ASTM D6130	>10 <b>1</b>	---	---
Tin	ppm	ASTM D6130	>10 <b>&lt;1</b>	---	---
Zinc	ppm	ASTM D6130	<b>33</b>	---	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130	<b>79</b>	---	---

## CARRIER SALTS

	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	<b>1005</b>	---	---
Potassium	ppm	ASTM D6130	<b>499</b>	---	---

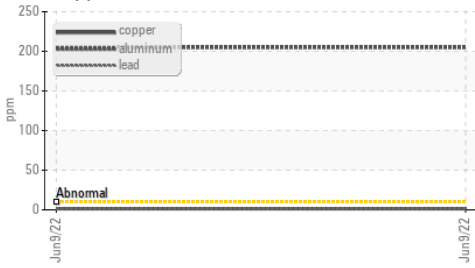
## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130	<b>6</b>	---	---
Magnesium	ppm	ASTM D6130	<b>2</b>	---	---



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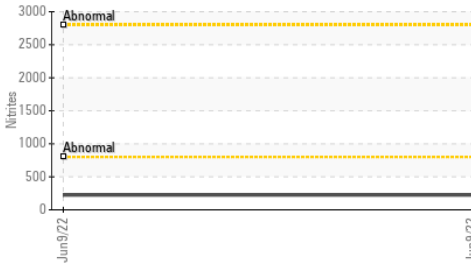
### ▲ Copper/Aluminum/Lead

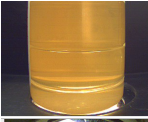



### ▲ Iron/Tin/Silver



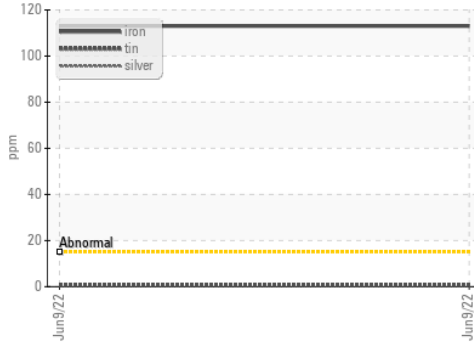
### Nitrites



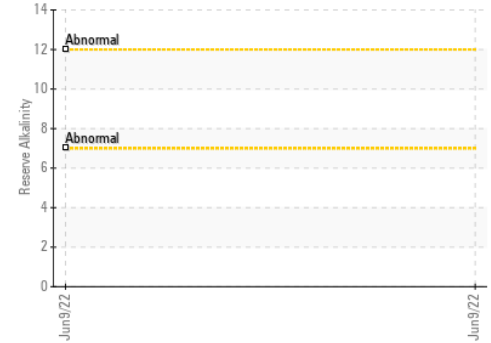
VISUAL	method	limit/base	current	history1	history2
Coolant Color	*Visual		<b>Yllow</b>	---	---
Coolant Appearance	*Visual	Clear	<b>normal</b>	---	---
Color				no image	no image
Bottom				no image	no image

### GRAPHS

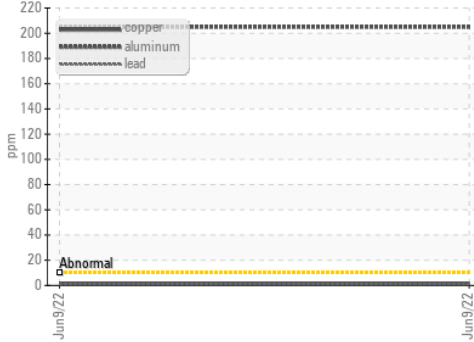
#### ▲ Iron/Tin/Silver



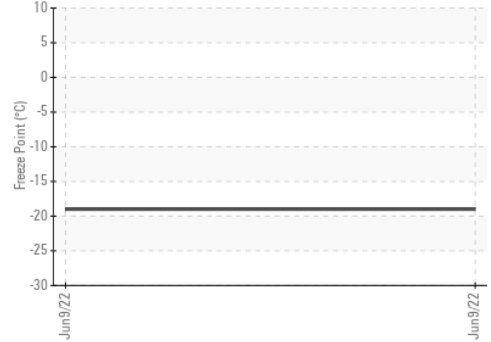
#### Reserve Alkalinity



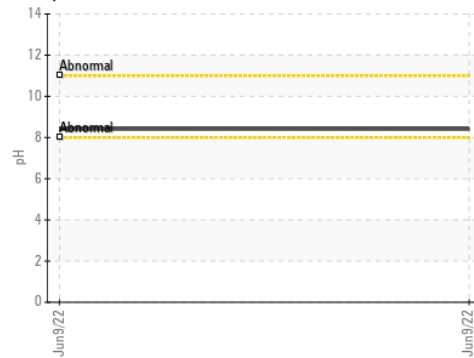
#### ▲ Copper/Aluminum/Lead



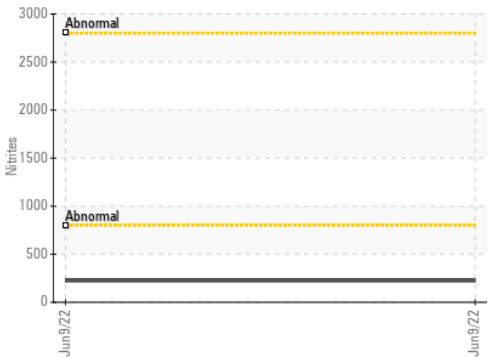
#### Freeze Point



#### pH



#### Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513

Sample No. : NX05596579

Lab Number : 05596579

Unique Number : 10061059

Test Package : COOL- ( Additional Tests: COOL, ICP )

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)

Received : 20 Jul 2022

Tested : 22 Jul 2022

Diagnosed : 23 Jul 2022 - Doug Bogart

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