



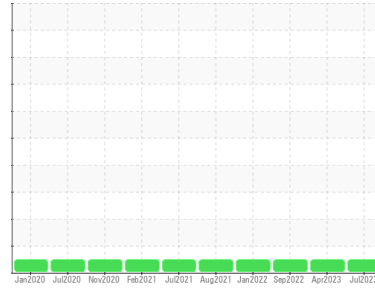
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**HBKM01BE**  
Component  
**Jacket Water Coolant**  
Fluid  
**CONVENTIONAL COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Corrosion

All metal levels are normal indicating no 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>WC0775345</b>	WC0775307	WC0675644
Sample Date	Client Info		<b>17 Jul 2023</b>	26 Apr 2023	02 Sep 2022
Machine Age	hrs	Client Info	<b>103900</b>	102041	97867
Oil Age	hrs	Client Info	<b>21472</b>	19613	910098
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
Specific Gravity	*ASTM D1298		<b>1.067</b>	1.067	1.068
pH	Scale 0-14 ASTM D1287		<b>8.75</b>	8.85	9.01
Nitrites	ppm AP-053:2009		<b>1124</b>	1200	976
Reserve Alkalinity	Scale 0-20 *ASTM D1121		<b>---</b>	---	---
Percentage Glycol	% ASTM D3321		<b>49.7</b>	49.8	50.4
Freezing Point	°F ASTM D3321		<b>-33</b>	-33	-35
Total Dissolved Solids			<b>519.5</b>	241.5	251.0
Carboxylate			<b>pass</b>	fail	n/a

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D6130		<b>153</b>	182	147
Phosphorus	ppm ASTM D6130		<b>64</b>	75	38
Boron	ppm ASTM D6130		<b>556</b>	657	636
Molybdenum	ppm ASTM D6130		<b>12</b>	14	11

## CORROSION

	method	limit/base	current	history1	history2
Iron	ppm ASTM D6130	>15	<b>1</b>	0	0
Aluminum	ppm ASTM D6130	>10	<b>&lt;1</b>	0	0
Copper	ppm ASTM D6130	>10	<b>2</b>	2	2
Lead	ppm ASTM D6130	>10	<b>&lt;1</b>	0	0
Tin	ppm ASTM D6130	>10	<b>&lt;1</b>	0	0
Zinc	ppm ASTM D6130		<b>&lt;1</b>	0	0

## CONTAMINANTS

	method	limit/base	current	history1	history2
Chlorine	ppm ASTM D6130		<b>18</b>	11	1

## CARRIER SALTS

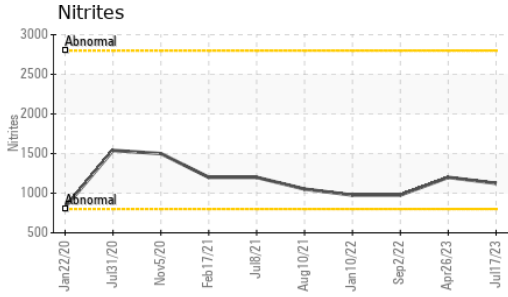
	method	limit/base	current	history1	history2
Sodium	ppm ASTM D6130		<b>2995</b>	3616	1855
Potassium	ppm ASTM D6130		<b>280</b>	352	137

## SCALE POTENTIAL

	method	limit/base	current	history1	history2
Calcium	ppm ASTM D6130		<b>&lt;1</b>	<1	0
Magnesium	ppm ASTM D6130		<b>0</b>	<1	0

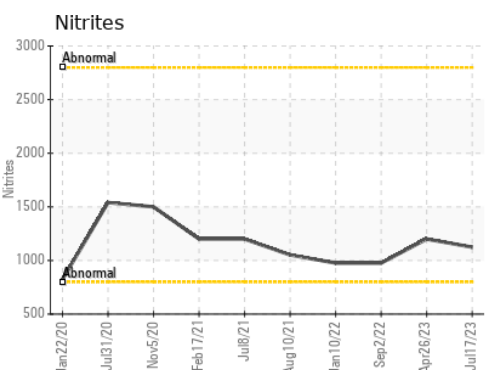
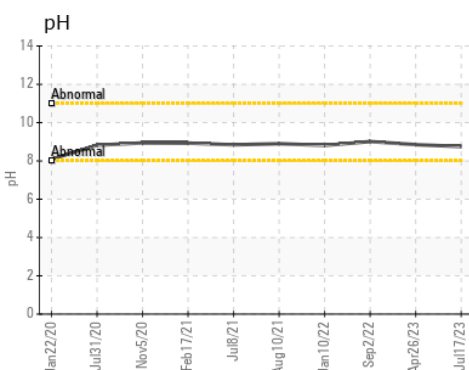
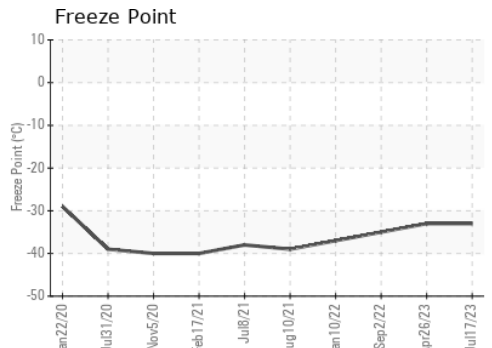
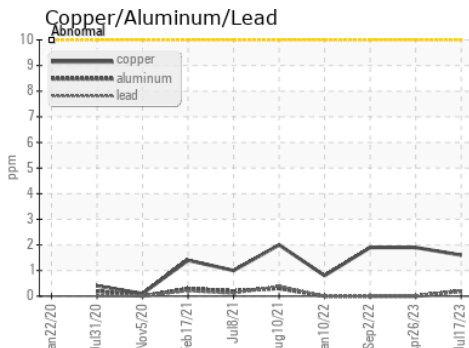
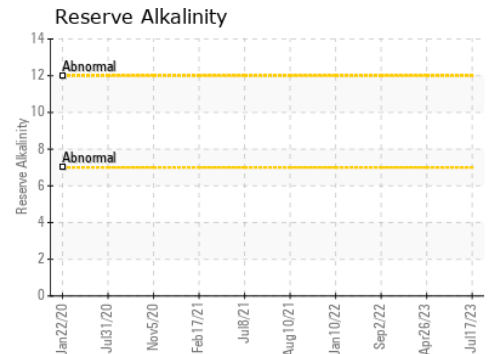
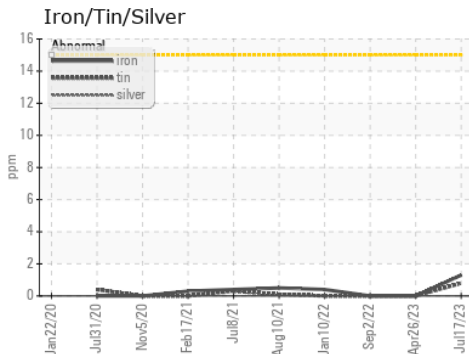


# COOLANT REPORT



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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0775345 **Received** : 20 Jul 2023  
**Lab Number** : 05903552 **Diagnosed** : 25 Jul 2023  
**Unique Number** : 10564908 **Diagnostician** : Doug Bogart  
**Test Package** : COOL- ( Additional Tests: COOL, ICP )

**EDL NA Recips-Honeybrook**  
 Honey Brook Powerstation, 481 S. Churchtown Road  
 Narvon, PA  
 US 17555-9574  
 Contact: Christian Adames  
 Christian.Adames@edlenergy.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)