

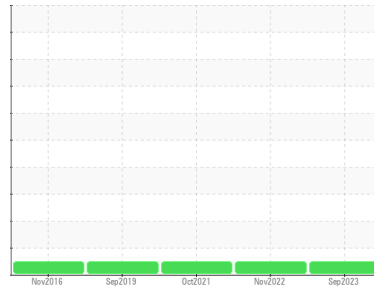
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**BRIDGEPOINT [192081]**  
Machine Id  
**16V400G83 332621-1-2-0611 UNIT 1**  
Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) HYBRID (HOAT) COOLANT. Please confirm.

### Corrosion

All component wear rates are normal.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

The condition of the coolant is acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WA0020038</b>	WA0018504	WA0016342
Sample Date	Client Info	<b>26 Sep 2023</b>	01 Nov 2022	07 Oct 2021
Machine Age	hrs	<b>208</b>	184	160
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>Changed</b>	Changed	Changed
Sample Status		<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	<b>1.065</b>	1.065	1.067
pH	Scale 0-14	<b>8.00</b>	8.45	8.28
Nitrites	ppm	<b>1400</b>	1320	1200
Reserve Alkalinity	Scale 0-20	<b>2.0</b>	1.8	1.9
Percentage Glycol	%	<b>48.3</b>	48.5	50.0
Freezing Point	°C	<b>-31</b>	-31	-36
Carboxylate		<b>---</b>	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	<b>17</b>	38	20
Phosphorus	ppm	<b>12</b>	55	86
Boron	ppm	<b>168</b>	225	200
Molybdenum	ppm	<b>0</b>	4	30

## CORROSION

method	limit/base	current	history1	history2
Iron	ppm	<b>0</b>	2	<1
Aluminum	ppm	<b>0</b>	<1	2
Copper	ppm	<b>4</b>	4	2
Lead	ppm	<b>0</b>	<1	<1
Tin	ppm	<b>0</b>	<1	<1
Silver	ppm	<b>&lt;1</b>	0	<1
Zinc	ppm	<b>0</b>	8	3

## CARRIER SALTS

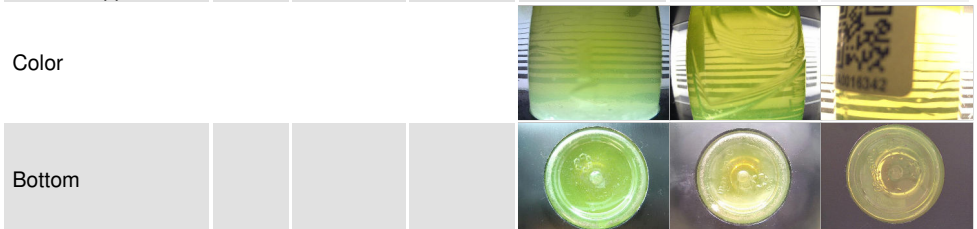
method	limit/base	current	history1	history2
Sodium	ppm	<b>1718</b>	1595	1226
Potassium	ppm	<b>132</b>	215	286

## SCALE POTENTIAL

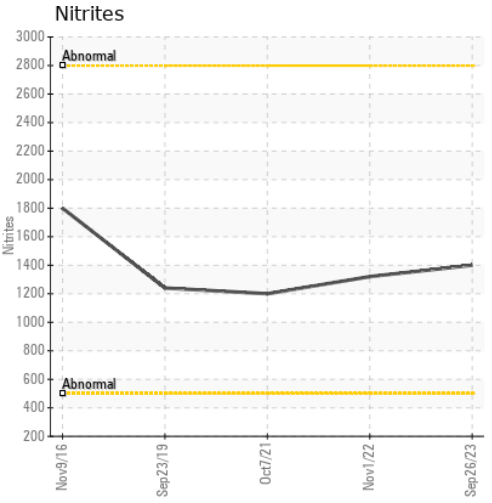
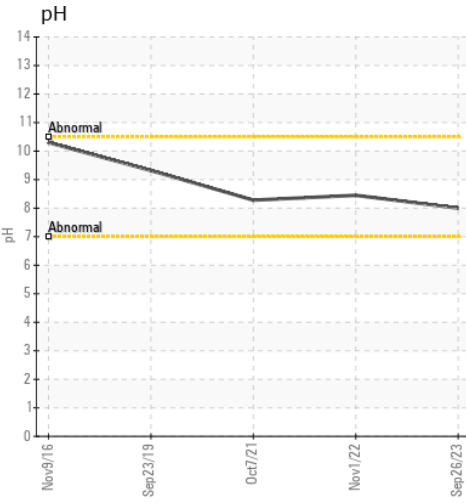
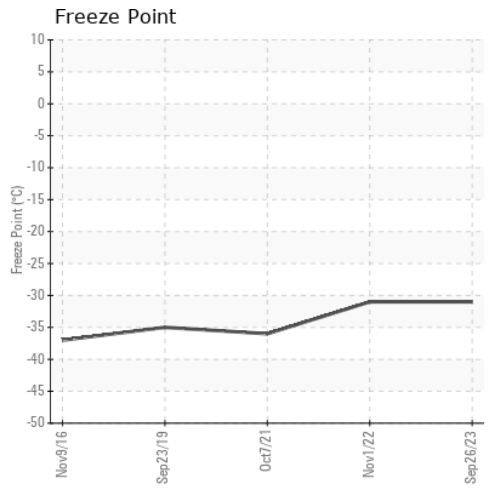
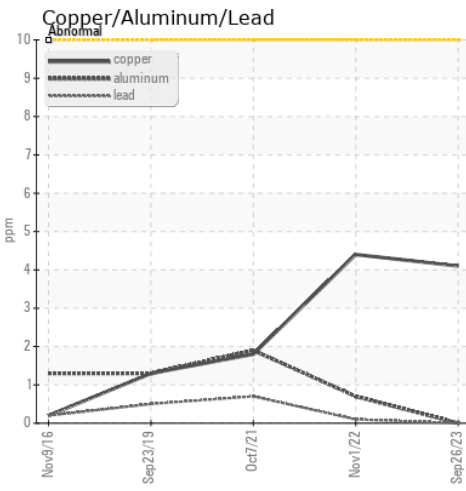
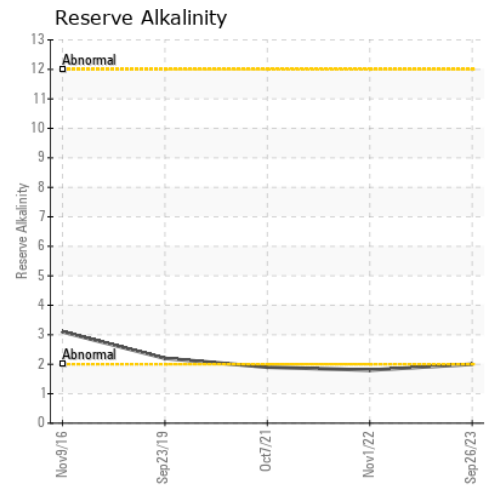
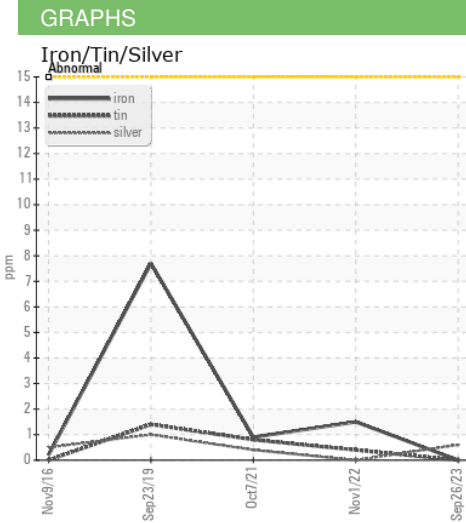
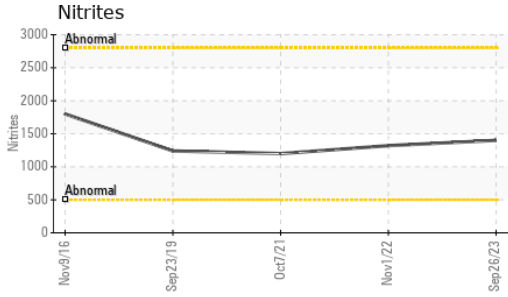
method	limit/base	current	history1	history2
Calcium	ppm	<b>1</b>	2	4
Magnesium	ppm	<b>&lt;1</b>	<1	1
Hardness	mg/L CaCO3	<b>2</b>	8	---

## VISUAL

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



# COOLANT REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020038 **Received** : 04 Oct 2023  
**Lab Number** : 02586929 **Diagnosed** : 05 Oct 2023  
**Unique Number** : 5655995 **Diagnostician** : Wes Davis  
**Test Package** : COOL

**Wajax Power Systems**  
 10 Diesel Drive  
 Toronto, ON  
 CA M8W 2T8  
 Contact: Komal Ramotar  
 kramotar@wajax.com  
 T: (416)259-3281  
 F: (416)251-6191

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.