



COOLANT REPORT

Sample Rating Trend

NORMAL



Area
AURORA [200006927]
 Machine Id
29WEA87233 - B03 - A (S/N A5E39737038A)
 Component
Coolant
 Fluid
CLARIANT ANTIFROGEN N (--- LTR)



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 | | NX05981631 | --- | --- |
| Sample Date | Client Info | | 03 Jun 2023 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- | --- |
| Oil Age | hrs | Client Info | 0 | --- | --- |
| Oil Changed | Client Info | | N/A | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

PHYSICAL TEST RESULTS

| | method | limit/base | current | history1 | history2 |
|------------------------|---------------------------|------------|--------------|----------|----------|
| Specific Gravity | *ASTM D1298 | 1.11 | 1.064 | --- | --- |
| pH | Scale 0-14 ASTM D1287 | 8.5 | 8.11 | --- | --- |
| Nitrites | ppm AP-053:2009 | | 448 | --- | --- |
| Reserve Alkalinity | Scale 0-20 *ASTM D1121 | 4.0 | --- | --- | --- |
| Percentage Glycol | % ASTM D3321 | 44 | 47.6 | --- | --- |
| Freezing Point | °F ASTM D3321 | -32 | -28 | --- | --- |
| Total Dissolved Solids | | | 249.0 | --- | --- |
| Carboxylate | | | n/a | --- | --- |

CORROSION INHIBITORS

| | method | limit/base | current | history1 | history2 |
|------------|-------------------|------------|--------------|----------|----------|
| Silicon | ppm ASTM D6130 | 3 | <1 | --- | --- |
| Phosphorus | ppm ASTM D6130 | 5 | 16 | --- | --- |
| Boron | ppm ASTM D6130 | 15 | 0 | --- | --- |
| Molybdenum | ppm ASTM D6130 | 110 | 131 | --- | --- |

CORROSION

| | method | limit/base | current | history1 | history2 |
|----------|-------------------|------------|----------|----------|----------|
| Iron | ppm ASTM D6130 | >15 | 8 | --- | --- |
| Aluminum | ppm ASTM D6130 | >10 | 0 | --- | --- |
| Copper | ppm ASTM D6130 | >10 | 0 | --- | --- |
| Lead | ppm ASTM D6130 | >10 | 0 | --- | --- |
| Tin | ppm ASTM D6130 | >10 | 0 | --- | --- |
| Zinc | ppm ASTM D6130 | | 0 | --- | --- |

CONTAMINANTS

| | method | limit/base | current | history1 | history2 |
|----------|-------------------|------------|----------|----------|----------|
| Chlorine | ppm ASTM D6130 | | 0 | --- | --- |

CARRIER SALTS

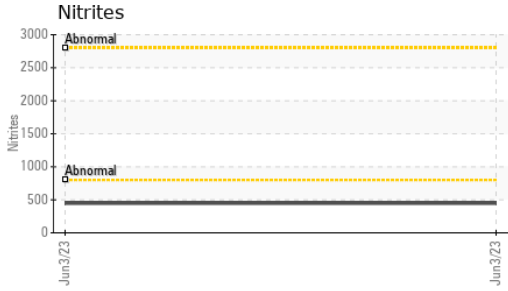
| | method | limit/base | current | history1 | history2 |
|-----------|-------------------|------------|-------------|----------|----------|
| Sodium | ppm ASTM D6130 | 2400 | 3075 | --- | --- |
| Potassium | ppm ASTM D6130 | 5 | 0 | --- | --- |



SCALE POTENTIAL

| | method | limit/base | current | history1 | history2 |
|-----------|-------------------|------------|----------|----------|----------|
| Calcium | ppm ASTM D6130 | | 2 | --- | --- |
| Magnesium | ppm ASTM D6130 | | 0 | --- | --- |

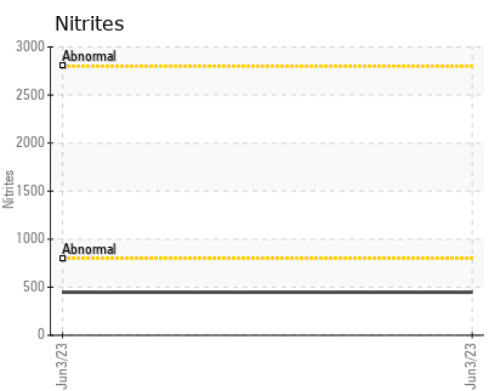
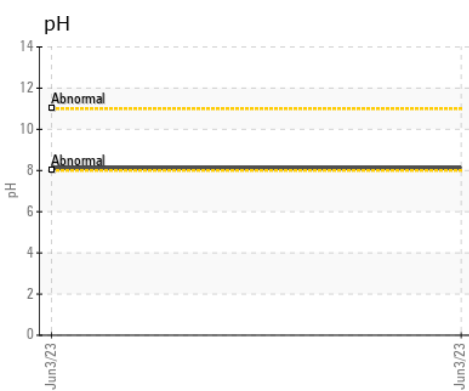
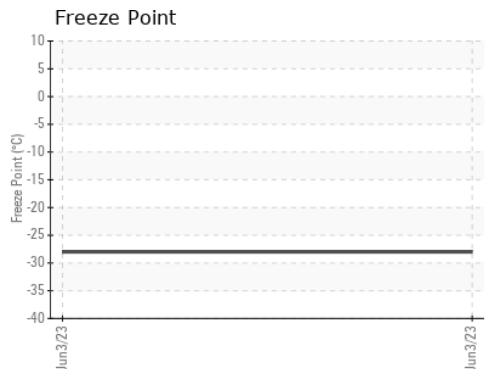
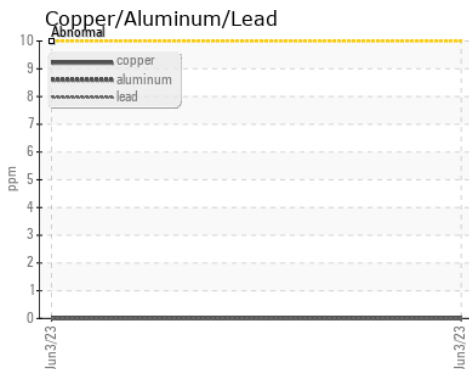
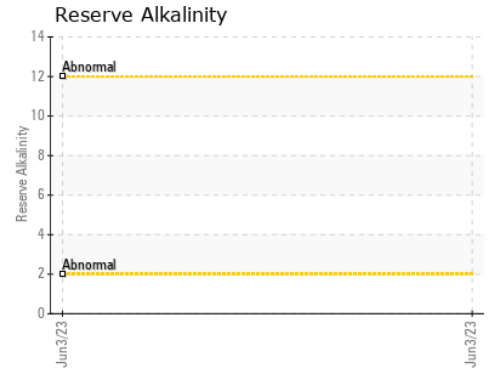
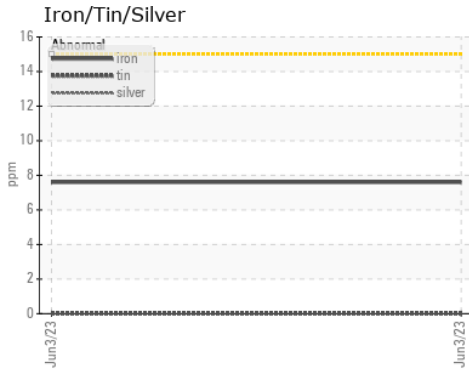


COOLANT REPORT



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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX05981631 **Received** : 17 Oct 2023
Lab Number : **05981631** **Diagnosed** : 30 Oct 2023
Unique Number : 10698926 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

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Certificate L2367
 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)