

Area [132366] Machine Id WINDSOR

Component

## **COOLANT REPORT**

### Sample Rating Trend







Coolant Fluid EXTENDED LIFE 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) EXTENDED LIFE COOLANT. Please confirm.

## Corrosion

All component wear rates are normal.

### Contaminants

There is no indication of any contamination in the coolant.

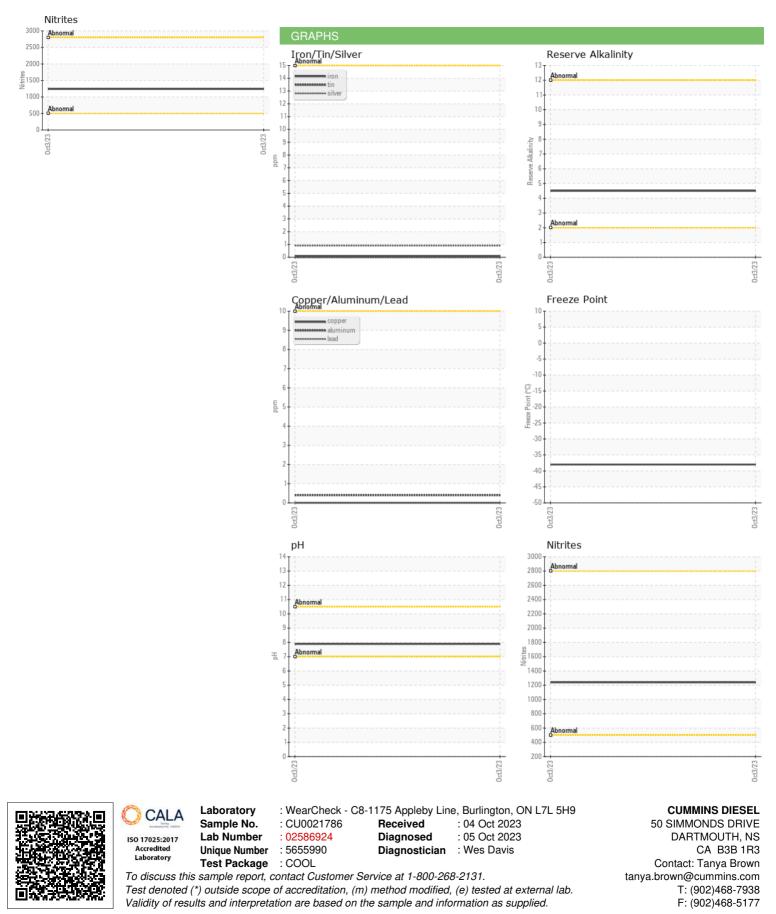
#### **Coolant Condition**

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

| SAMPLE INFORI      | MATION  | method          | limit/base | current     | history1 | history2 |  |
|--------------------|---|-----------------|------------|-------------|----------|----------|--|
| Sample Number      |   | Client Info     |            | CU0021786   |          |          |  |
| Sample Date        |   | Client Info     |            | 03 Oct 2023 |          |          |  |
| Machine Age        | hrs   | Client Info     |            | 0           |          |          |  |
| Oil Age            | hrs   | Client Info     |            | 0           |          |          |  |
| Oil Changed        |   | Client Info     |            | N/A         |          |          |  |
| Sample Status      |   |                 |            | NORMAL      |          |          |  |
| PHYSICAL TEST F    | RESULTS   | method          | limit/base | current     | history1 | history2 |  |
| Specific Gravity   |   | ASTM D1298*     |            | 1.069       |          |          |  |
| pH                 | Scale 0-14  | ASTM D1287*     | 9.0        | 7.89        |          |          |  |
| Nitrites           | ppm   | Alcan Test Kit* |            | 1240        |          |          |  |
| Reserve Alkalinity | Scale 0-20  | ASTM D1121*     |            | 4.5         |          |          |  |
| Percentage Glycol  | %   | ASTM D3321*     | 50         | 51.7        |          |          |  |
| Freezing Point     | °C  | ASTM D3321*     | -40        | -38         |          |          |  |
| Carboxylate        |   |                 |            |             |          |          |  |
| CORROSION INF      | IIBITORS  | method          | limit/base | current     | history1 | history2 |  |
| Silicon            | ppm   | ASTM D5185(m)   |            | 39          |          |          |  |
| Phosphorus         | ppm   | ASTM D5185(m)   |            | 87          |          |          |  |
| Boron              | ppm   | ASTM D5185(m)   |            | 389         |          |          |  |
| Molybdenum         | ppm   | ASTM D5185(m)   |            | 184         |          |          |  |
| CORROSION          |   | method          | limit/base | current     | history1 | history2 |  |
| Iron               | ppm   | ASTM D5185(m)   | >15        | <1          |          |          |  |
| Aluminum           | ppm   | ASTM D5185(m)   | >10        | <1          |          |          |  |
| Copper             | ppm   | ASTM D5185(m)   | >10        | 0           |          |          |  |
| Lead               | ppm   | ASTM D5185(m)   |            | 0           |          |          |  |
| Tin                | ppm   | ASTM D5185(m)   | >10        | 0           |          |          |  |
| Silver             | ppm   | ASTM D5185(m)   |            | <1          |          |          |  |
| Zinc               | ppm   | ASTM D5185(m)   |            | 0           |          |          |  |
| CARRIER SALTS      | \$  | method          | limit/base | current     | history1 | history2 |  |
| Sodium             | ppm   | ASTM D5185(m)   |            | 7198        |          |          |  |
| Potassium          | ppm   | ASTM D5185(m)   |            | 844         |          |          |  |
| SCALE POTENT       | IAL   | method          | limit/base | current     | history1 | history2 |  |
| Calcium            | ppm   | ASTM D5185(m)   | >100       | 7           |          |          |  |
| Magnesium          | ppm   | ASTM D5185(m)   | >40        | 2           |          |          |  |
| Hardness           | mg/L CaCO3  | In-house*       | <75        | 23          |          |          |  |
| VISUAL             |   | method          | limit/base | current     | history1 | history2 |  |
| Coolant Color      |   | Visual*         | Orange/R   | Blue        |          |          |  |
| Coolant Appearance |   | Visual*         | Clear      | Clear       |          |          |  |
| Color              |   |                 |            |             | no image | no image |  |
| Bottom             |   |                 |            | (?)         | no image | no image |  |
| :37:33) Rev: 1     | 7:33) Rev: 1 Contact/Location: Tanya Brown - CUMDAF |                 |            |             |          |          |  |



# **COOLANT REPORT**



Contact/Location: Tanya Brown - CUMDAR