

COOLANT REPORT

COMPASS [150668] Machine Id 3A

Component

Coolant

EXTENDED LIFE COOLANT (--- GAL)

Sample Rating Trend



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.

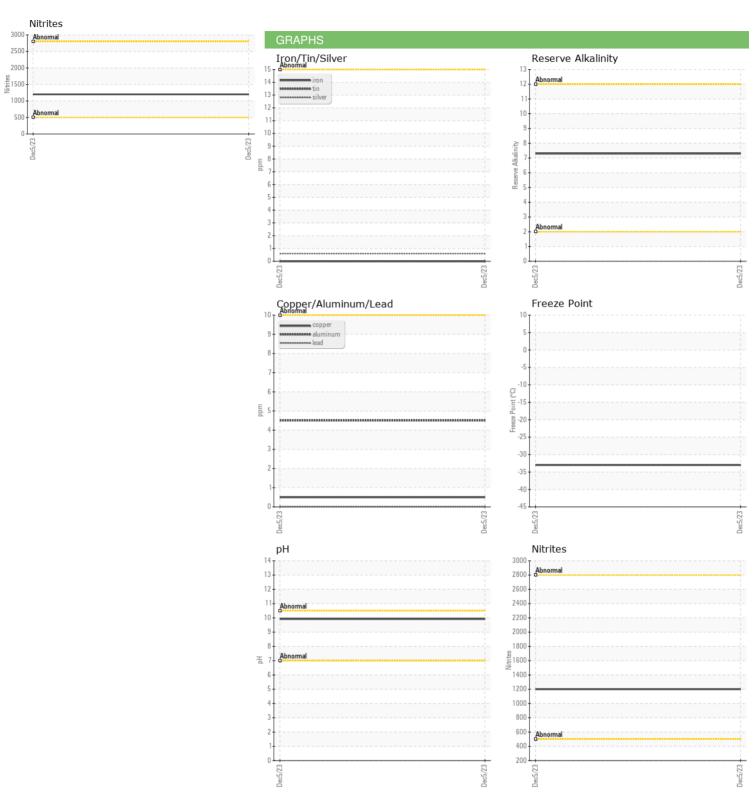
Coolant Condition

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

| | | | | Dec2023 | | |
|--------------------|------------|-----------------|------------|-------------|---------------|-----------------|
| CAMPLE INFORM | MATION | | | | la i a ta mud | la i a ta m . O |
| SAMPLE INFORM | IATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | CU0022334 | | |
| Sample Date | | Client Info | | 05 Dec 2023 | | |
| Machine Age | hrs | Client Info | | 0 | | |
| Oil Age | hrs | Client Info | | 0 | | |
| Oil Changed | | Client Info | | N/A | | |
| Sample Status | | | | NORMAL | | |
| PHYSICAL TEST R | ESULTS | method | limit/base | current | history1 | history2 |
| Specific Gravity | | ASTM D1298* | | 1.067 | | |
| pH | Scale 0-14 | ASTM D1287* | 9.0 | 9.92 | | |
| Nitrites | ppm | Alcan Test Kit* | | 1200 | | |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | | 7.3 | | |
| Percentage Glycol | % | ASTM D3321* | 50 | 49.2 | | |
| Freezing Point | °C | ASTM D3321* | -40 | -33 | | |
| Carboxylate | | | | | | |
| CORROSION INHI | BITORS | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185(m) | | 74 | | |
| Phosphorus | ppm | ASTM D5185(m) | | 851 | | |
| Boron | ppm | ASTM D5185(m) | | 244 | | |
| Molybdenum | ppm | ASTM D5185(m) | | 431 | | |
| CORROSION | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185(m) | >15 | 0 | | |
| Aluminum | ppm | ASTM D5185(m) | >10 | 4 | | |
| Copper | ppm | ASTM D5185(m) | >10 | <1 | | |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | | |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | | |
| Silver | ppm | ASTM D5185(m) | >10 | <1 | | |
| Zinc | ppm | ASTM D5185(m) | | 0 | | |
| CARRIER SALTS | | method | limit/base | current | history1 | history2 |
| Sodium | ppm | ASTM D5185(m) | | 1403 | | |
| Potassium | ppm | ASTM D5185(m) | | 7821 | | |
| SCALE POTENTIA | AL | method | limit/base | current | history1 | history2 |
| Calcium | ppm | ASTM D5185(m) | >100 | 1 | | |
| Magnesium | ppm | ASTM D5185(m) | >40 | 0 | | |
| Hardness | mg/L CaCO3 | In-house* | <75 | 2 | | |
| 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 |



COOLANT REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5694442

Test Package : COOL

: CU0022334 : 02601357

Received

Diagnosed Diagnostician : Wes Davis

: 06 Dec 2023 : 06 Dec 2023

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION 7175 PACIFIC CIRCLE MISSISSAUGA, ON

CA L5T 2A5 Contact: Zaneef Abboobakar

zaneef.abboobakar@cummins.com

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.

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