

# UNITED FULLY FORMULATED COOLANT/ANTIFREEZE PREMIX



United Fully Formulated Antifreeze Premix is a 50/50 mix of Fully Formulated Coolant and deionized water and is designed to provide engine protection for heavy-duty cooling systems.

For years, heavy-duty operators were limited to using low-silicate automotive antifreeze that required the addition of a separate supplemental coolant additive (SCA) at initial fill and top-off. While this was effective, it resulted in mixing errors when the SCA was added. To prevent SCA variability caused by mixing errors and improve convenience, United Fully Formulated Antifreeze Premix was developed.

United Fully Formulated Antifreeze Premix has a universal formula with the advantages of low total dissolved solids, low silicate, and incorporated nitrite to provide enhanced wet-sleeve liner cavitation protection. Since United Fully Formulated Antifreeze Premix has a high-quality SCA, there is no need to add SCAs at initial fill or when topping off to compensate for SCA dilution.

## **Features:**

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- No additional SCAs required at initial fill or top-off
- Prediluted with deionized water; no need to add water at initial fill or when topping off
- Contains nitrite for superior wet-sleeve liner cavitation protection
- Low silicate, low total dissolved solids
- Phosphate-free formula that reduces the risk of scale
- State-of-the-art corrosion inhibitors
- Use at top-off to maintain correct SCA levels

# TYPICAL SPECIFICATION DATA

| UNITED FULLY FORMULATED COOLANT/ANTIFREEZE PREMIX |           |
|---|-----------|
| Specific Gravity @ 60°F                           | 1.07      |
| Freezing Point, 50% vol (°F)                      | -34       |
| Boiling Point, 50% vol (°F)                       | 265       |
| pH, 50% vol                                       | 10.2–10.8 |
| Chloride (ppm)                                    | 25 max    |
| Reserve Alkalinity                                | 5 min     |
| Ash (% wt)  | 1.0       |

## Meets or Exceeds:

### Heavy-Duty:

- ASTM D3306
- ASTM D6210
- Caterpillar DEAC/NGEC
- Cummins CES 14603
- Detroit Diesel 7SE298
- Freightliner 48-22680
- GM 1899M
- John Deere H24A, B, C
- MTU 5048
- Mack GS17004
- Navistar CEMS B-1 Type II
- SAE J1941
- TMC RP 329
- Volvo-GM Heavy Truck

### Automobile:

- ASTM D3306
- ASTM D4656
- CID A-A-52624
- Chrysler MS-7170
- Ford ESE-M97B44A
- GM 1825M
- SAE J1034

## Product Availability:

- 55 Gal
- 265 Gal
- Bulk
- Item # 330421
- Item # 330420
- Item # 330419