

# UNITED FULLY FORMULATED COOLANT/ANTIFREEZE CONCENTRATE



United Fully Formulated Coolant/Antifreeze 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 Coolant/Antifreeze was developed.

United Fully Formulated Coolant/Antifreeze 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 Coolant/Antifreeze 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
- 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 CONCENTRATE	
Specific Gravity @ 60°F	1.12
Freezing Point, 50% vol (°F)	-34
Boiling Point, 50% vol (°F)	226
pH, 50% vol	10.2–10.8
Chloride (ppm)	25 max
Reserve Alkalinity	5 min
Color	Fuchsia
Ash (% wt)	1.0

## Recommended Use:

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### 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:

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- 55 Gal
- 265 Gal
- Bulk
- Item # 330424
- Item # 330423
- Item # 330422