

FS Fully Formulated Coolant/Antifreeze (Pink)

Description

FS Fully Formulated Coolant/Antifreeze is designed to provide superior 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, FS Fully Formulated Coolant/Antifreeze was developed.

FS Fully Formulated Coolant/Antifreeze is a universal formula antifreeze, having the advantages of low total dissolved solids, low silicate, and incorporated nitrite to provide enhanced wet sleeve line cavitation protection. Since FS 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

- 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

Meets or Exceeds:

Heavy-Duty:

- ASTM D4985
- ASTM D6210
- Caterpillar DEAC/NGEC
- Cummins 14603
- GM 1899M
- John Deere H24A1 & H24C1
- MTU 5048
- Mack Truck GS17004
- SAE J1941
- Volvo Coolant VCS
- TMC RP 329

Automobile:

- ASTM D3306
- ASTM D4340
- CID A-A-52624
- Chrysler MS-7170 Section A & B 1-4
- Ford ESE-M97B44A Sec. 3.1.1 & 3.1.2
- GM 1825M
- SAE J1034

Product Availability

| | |
|----------------|--------------|
| 6 x 1 Gal. | Item #227633 |
| 5 Gal. Pail | Item #206222 |
| 30-gal. Drum | Item #206221 |
| 55-gal. Drum | Item #206220 |
| 265-gal. Totes | Item #218016 |
| Bulk | Item #192517 |



Typical Properties

| Property | Typical Value |
|------------------------------|---------------|
| Specific Gravity @ 60/60°F | 1.126 |
| Freezing Point, 50 vol.%, °F | -34 |
| Boiling Point, °F | 327 |
| Boiling Point, 50 vol.%, °F | 226 |
| pH, 50 vol.% | 10.2-10.8 |
| Chloride, ppm | 25 max |
| Reserve Alkalinity | 5 min |
| Water wt.% | 3 |
| Ash, wt.% | 1 |

| % of Cooling System Capacity | Protects Against | |
|------------------------------|------------------|----------------|
| | Freezing Down to | Boiling Up to* |
| 40 | -10°F | 259°F |
| 50 | -34°F | 265°F |
| 60 | -62°F | 270°F |

*Using a 15-psi pressure cap