## Advanced Formula TRI-STAGE™

# DIESEL FUEL TREATMENT

## Stock Nos. C-DFA, C-24, C-270, C-272

Cyclo's Advanced Tri-Stage formula is designed to help prevent the major problems and downtime caused by cold weather diesel fuel wax, ice crystals and poor stability. This unique formula attacks and overpowers paraffin wax, water and carbon – the three major problems associated with diesel fuel.

***Tri-Stage Performance***

1. **ANTI-GEL System**—Combines a cold flow improver and a pour point depressant to inhibit wax crystal formation to provide up to 50°F lower pour point than untreated fuel (depending on the fuel and treatment level). Helps prevent fuel line and filter plugging.
2. **Aviation Approved DE-ICER**—High tech de-icing system melts ice on contact, reduces ice formation, helps prevent filter plugging, disperses water, and coats system to prevent ice from sticking.
3. **Fuel STABILIZER**—Helps maintain fuel stability as the fuel is continuously heated and cooled as it recycles through the injector bypass system to reduce varnish and carbon build-up and helps **Keep Fuel Injectors Clean**.
   - Helps prevent rust
   - Lubricant added for low sulfur fuels
   - Prevents filter plugging from wax or ice
   - Keeps injectors clean
   - Reduces down time
   - Disperses water
   - Melts ice on contact

| **TREATMENT:** Gallons Treated | **Winter** | **Zero Temperatures** | **Sub-Zero Severe Conditions** |
|---|---|---|---|
| 250 | 1 quart | 2 quarts | 4 quarts |
| 1000 | 1 gallon | 2 gallons | 4 gallons |
| lower pour point | 25°F | 35°F | 50°F |

**Treatment: C-22 treats 250 gallons • C-24 treats 250 gallons • C-DFA treats 50 gallons • C-270 & C-272 one gallon treats 2000 gallons**

## PHYSICAL PROPERTIES

| | | |
|---|---|---|
| Size: (liquid/ bottle) | C-DFA | 8 fl. oz./236 mL |
| | C-24 | 32 fl. oz./946 mL |
| | C-270 | 1 gal./3.78 liter |
| | C-272 | 55 gal./208 liter |
| Flash Point: | | 145°F (63°C) |
| Boiling Range: | | 365 – 419°F (185 – 215°C) |
| Specific Gravity ($H_2O$=1): | | 0.768 |
| Appearance: | | Light amber liquid |
| Solubility in Water: | | Insoluble |
| UPC (Bottle) | C-DFA | 0 89269 10024 9 |
| | C-24 | 0 89269 00024 2 |
| | C-270 | 0 89269 00270 3 |
| | C-272 | 0 89269 00272 7 |

| | | |
|---|---|---|
| UPC (Carton) | C-DFA | 1 00 89269 10024 6 |
| | C-24 | 1 00 89269 00024 9 |
| | C-270 | 1 00 89269 00270 0 |
| | C-272 | N/A |

| | Cases per pallet | Cases per layer | Layers per pallet | Cube | Case Weight |
|---|---|---|---|---|---|
| C-DFA | 224 | 32 | 7 | 0.24 | 6.5 |
| C-24 | 54 | 9 | 6 | 0.79 | 25.0 |
| C-270 | 60 | 12 | 5 | 0.70 | 40.0 |
| C-272 | 4 | 4 | 1 | 10.56 | 425.0 |