

## PRODUCT BULLETIN

# Diesel Conditioner & Anti-Gel

Product # 830

**Cam 2 Diesel Conditioner and Anti-Gel** is a special blend of patented Mannich Technology detergents and synthetic carrier fluids which are specifically formulated to eliminate harmful intake deposits that affect engine performance and protect engine components during extreme cold temperatures.

**Cam 2 Diesel Conditioner and Anti-Gel** improves cetane number, injector function, water dispersion, CO<sub>2</sub> emissions, fuel economy and stability, and fuel flow in cold weather by not allowing diesel, ULSD, or bio-diesel to gel inside the fuel system. This gelling is a leading cause of intake deposits which lead to reduced fuel economy, horsepower, and engine life. The chlorine free chemistry removes carbon, gum, and varnish without the use of alcohols or glycol ethers which can damage fuel system components.

Use of diesel that does not meet min. government quality standards can result in extra wear and corrosion of vital engine parts such as the fuel pump.

**Cam 2 Diesel Conditioner and Anti-Gel** contains a special anti-wear and anti-corrosion inhibitor to provide additional fuel system protection to protect your investment and keep the fuel system operating as designed.

**Cam 2 Diesel Conditioner** when used as instructed can increase cetane number by 3 points on average and convert standard diesel fuel to premium while lowering the pour point down to -40°C. Fuel economy gains of up to 4.8% have been recorded in city driving when tested per SAE J1321. Reduces emissions by up to 15% for hydrocarbons and 7% for CO<sub>2</sub>.

## FEATURES/ BENEFITS

- Maximize fuel economy by restoring dirty fuel injectors to like-new condition
- Effective in diesel, ULSD (Ultra-Low Sulfur Diesel), and bio-diesel
- Fuel economy gains of up to 4.8% in stop-and-go and 1.3% in long haul when compared to diesel fuel only meeting minimum quality standards
- Clean internal diesel injector deposits (IDID), and indirect injection (IDI) and high speed direct injection (HSDI) nozzle-coking deposits
- Improve engine responsiveness, drivability and engine noise reduction
- Cetane boost, improving combustion for reduced emissions and improved cold starting
- Removal of the natural buildup of carbon deposits through the entire fuel system

## APPLICATIONS

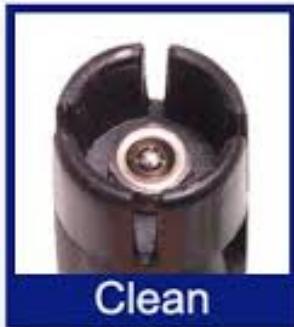
**Add 1 bottle** for each 15-25 gallons of fuel in both heavy-duty and passenger cars running on diesel, ULSD, or bio-diesel.

**Note: This product will not ungel fuel once it has gelled.**

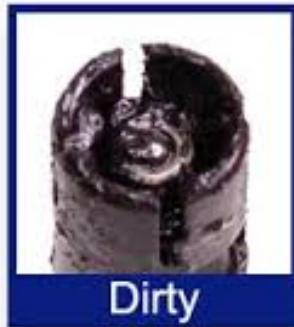
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Clean

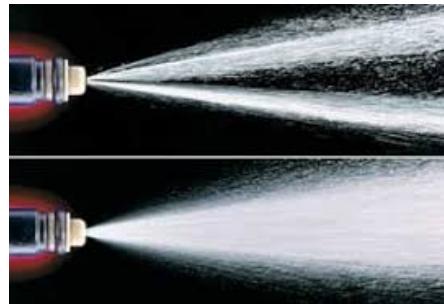


Dirty

Fuel injector deposits at the injector tip can impact fuel flow, upsetting the air/fuel mixture. The symptoms of these deposits can be:

- Hesitation or stumble during acceleration
- Loss of power
- Increased emissions of hydrocarbons and carbon monoxide

Deposits from low quality fuel can lead to incorrect spray patterns reducing system efficiency, largely affecting fuel economy.



## SPECIAL HANDLING, NOTICES OR WARNINGS

### FLAMMABLE

Keep away from heat and flame

In case of eye contact, flush with water for at least 15 minutes

Use in well ventilated area

Harmful or fatal if swallowed

Do not induce vomiting

Call physician immediately

## HEALTH / SAFETY

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet.

This product should not be used for any purposes other than the ones for which it is intended. When disposing of the product after use, please protect the environment and comply with local regulations.