

### Problems That Can Occur In Untreated Diesel Fuel Engines:

- ✓ Burned Up Fuel Pumps
- ✓ Poor Fuel Performance
- ✓ Fuel "Gels" at Low Temperatures
- ✓ Dry Fuel System

### FRU-GALL... Performance in Action.

● **INCREASES LUBRICITY.** The FRU-GALL formula is designed to overcome problems encountered by diesel operators using today's low sulfur fuels. FRU-GALL adds a special lubrication to fuel and therefore lubricates the fuel pump, injector and engine. Ideal for low sulfur fuel.

**PERFORMANCE BENEFIT: Fewer problems. No dry fuel systems. Extends life of engine.**

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● **INCREASES FUEL EFFICIENCY.** FRU-GALL saves money by allowing the engine to run at maximum efficiency which reduces the amount of fuel required. Number 2 fuels "cloud" and "gel" when cold-soaked at low temperatures, thus becoming too thick to flow properly through fuel lines and filters of diesel powered equipment. FRU-GALL reduces the tendency towards this "gelling" so that these problems are less likely to occur.

**PERFORMANCE BENEFIT: Elimination of equipment downtime due to fuel flow problems. Lower fuel costs. Increases mileage and power output.**

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● **MOISTURE DISPLACER.** FRU-GALL formula contains a displacing corrosion inhibitor that protects fuel storage tanks and engine fuel system components from rust and corrosion damage, especially injectors.

**PERFORMANCE BENEFIT: Increases engine life.**

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● **LENGTHENS ENGINE LIFE.** Regular use of FRU-GALL will reduce carbon deposits, which saves maintenance costs. Mixed with the fuel oil in its proper dilution, it will hold the suspended solids within the fuel oil (rather than allowing them to settle out), thus the impurities are simply burned off along with the fuel. Combustion becomes much easier and therefore the workload on the engine is reduced.

**PERFORMANCE BENEFIT: Reduces wear on the engine and saves on maintenance costs, labor and downtime.**

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● **EASIER STARTING.** FRU-GALL can help raise the cetane performance of fuel, resulting in easier starts and better operation. A low fuel cetane number indicates poor combustion qualities, which also accounts for hard starts.

**PERFORMANCE BENEFIT: Fuel is ignited easier and more complete combustion is achieved. Saves money on maintenance and fuel costs.**

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## APPLICATIONS

FRU-GALL is a concentrated diesel fuel additive. It is formulated with a special lubricity compound that provides necessary lubrication to fuel pumps and injectors. This complete fuel additive provides the following benefits: cetane booster, flow improver, antioxidant, gum dispersant, moisture displacer and special lubricant.

This product is widely used to condition the diesel fuel used by trucking companies, moving and storage companies, construction firms, over the road equipment, pumping stations, diesel power plants, portable and stationary power stations, shipping lines and other industrial and municipal applications.

**This diesel fuel additive complies with the federal low sulfur content requirements for use in diesel motor vehicles and nonroad engines.**

## DIRECTIONS

Add to diesel fuel storage tanks before filling without need for further mixing. Use one gallon for each 1,000 to 1,500 gallons of fuel. Adding to already filled tanks, it is best to circulate by pumping 3 complete turnovers in the tank.

For fuel tanks, add 12 ounces for each 100 gallons prior to filling the tank.

## TECHNICAL DATA

<b>Composition:</b>	Aliphatic hydrocarbons, dispersants
<b>Type:</b>	Solvent-based diesel fuel conditioner and stabilizer with cetane and flow improver
<b>pH:</b>	N/A
<b>Specific Gravity:</b>	0.83
<b>Flash Point:</b>	117°F (TCC)
<b>Flammability:</b>	Combustible
<b>Color:</b>	Amber
<b>Odor:</b>	Petroleum

## APPROVALS

FRU-GALL is registered in accordance with 40 CFR 79, Registration of Fuels and Fuel Additives.



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