



# RUN CLEANER, RUN SMARTER

**15K**  
**ULSD, MGO,  
Bio-Diesel**



## Introduction

Today's ultra low sulfur diesel is prone to the formation of bacterial colonies often referred to as sludge. Sludge is a microbiological colony of varied species of bacteria bound together to form complex environments. These colonies are acidic, highly corrosive and can lead to contamination of the fuel system downstream. This contamination can lead to filter clogging, poor engine performance and premature failure of engine components if passed through the fuel system.

Bacteria is a natural resident in diesel fuel and interacts with water present in fuel. Once they begin to form biocolonies, they can be difficult to eliminate with the use of biocides.

Conventional fuel additives offer modest performance enhancements however, do not address contamination problems in diesel fuel and have little to no impact on the prevention of sludge formation in diesel fuel.

Fuel Right® chemistry is unique and uses a powerful combination of amine chemistries that dissolve existing sludge and prevents the formation of new sludge. The filming amine provides a microscopic barrier throughout the fuel system protecting it from corrosion even in the presence of free standing water and remaining old sludge.

Proven in the field and in laboratory applications over the past 18 years, Fuel Right has been tested against leading conventional fuel additives on the market today (including biocides) and has proven to out perform competitors.

## Features & Benefits

- ✓ *Dissolves, Disperses & Prevents Bacterial Contamination*
- ✓ *More Effective than Biocides or Conventional Additives*
- ✓ *Cleans Tanks, Fuel Lines, Filters and Strainers*
- ✓ *Improves Fuel Economy & Reduces Exhaust Particulate*
- ✓ *Restores Fuel Lubricity & Stabilizes Fuel*
- ✓ *Provides a Microscopic Coating to Help Prevent MIC Corrosion*
- ✓ *Prevents Fuel Line Freezing*
- ✓ *Warranty Safe for All Diesel Engines*

## Did you know?

The presence of biofilm in fuel systems can have the following affect;

- ✓ decrease a corrosion inhibitors effectiveness
- ✓ decrease an anti-oxidant additive effectiveness (stabilizer)
- ✓ Reduce a lubricity additive effectiveness
- ✓ Reduce fuel's oxidative stability
- ✓ Increase fuel's peroxide number
- ✓ Increase fuel's total acid number (TAN)
- ✓ Increase fuel's corrosivity

**It PAYS to Fuel Right!**

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## Treatment

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Fuel Right can be added to the diesel fuel tank at any time. Ideally, Fuel Right should be added when fuelling to ensure thorough mixing during the filling process. Fuel Right recognizes that not all conditions are ideal; blending Fuel Right at less than ideal dose rates will not cause any harm to your fuel system. Higher doses than necessary (shock treatment) are also acceptable and will not cause any concern to your fuel system.

### Bulk Treatment

Bulk treatment means treating at a low dose rate all of the fuel, all of the time. For such treatment, use 1:15,000 as the treatment ratio. (1 litre of Fuel Right treats 15,000 litres of fuel) It is not recommended to bulk treat only part of the time as that can produce an incomplete protective film and lead to localized corrosion.

### Shock Treatment

Shock treatment ratio is 1:6,000. (1 litre of Fuel Right treats 6,000 litres of fuel) Periodic shock treatment once or twice per year is recommended for systems with ongoing sludge problems. Shock treatment once or twice per year is usually adequate. For small to medium sized tanks, treat for the size of the tank – not the amount of fuel in the tank.

For large bulk tanks, it is usually not necessary to treat for tank size. Where it is feasible to maintain the tank only partially full for at least two or three weeks, wait until the tank level is low and treat for the amount of fuel in the tank (but at least 10% of capacity). Because sludge and corrosion problems usually occur in the lower portion of large tanks, such treatment almost always does the job.

## Packaging

Packaging	Bulk Treatment	Shock Treatment
177 ml (6 oz) x 24/case	2,655 litres (700 US gallons)	1,062 litres (280 US gallons)
1.89 litres (64 oz) x 6/case	28,350 litres (7,490 US gallons)	11,340 litres (2,996 US gallons)
18.9 litres (5 gallons) pail	283,500 litres (74,900 US gallons)	113,400 litres (29,960 US gallons)
208 litres (55 gallon) drum	3,122,964 litres (825,000 US gallons)	1,248,000 litres (329,722 gallons)

Note: other packaging sizes may be available

## Storage and Handling

Fuel Right products should remain in the sealed container and be stored in a cool, dry, well-ventilated area away from direct sunlight, moisture, rain, heat or any potential ignition sources in compliance with all current federal and local regulations.

## Precautions

CONTENTS HARMFUL. MAY IRRITATE EYES AND SKIN. PLEASE REFER TO MSDS.

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