



# Product Data Sheet



## Diesel Guard

### *All Season Fuel Conditioner*

**Diesel Guard** is the fuel conditioner of the future. It responds to the new set of demands created by new low sulfur fuels, as well as, satisfying the needs of previous fuel related problems.

**Diesel Guard** not only helps to stabilize the fuel but also increases engine life and power by: keeping the internal parts of the engine cleaner, aiding combustion, neutralizing acids and holding carbon, varnish and gum in suspension. It suppresses tendencies for icing and corrosion caused by water.

#### Product Features:

- Reduces fuel consumption
- Aids cold fuel flow and filterability
- Reduces diesel fuel pour point
- Keeps and maintains injections cleaner longer
- Increases pump and injector life due to better lubricity
- Reduces / eliminates slime associated with prolonged storage

#### Customer Benefits:

- Protects against deposits
- Reduces valve sticking and provides upper cylinder lubrication
- Neutralizes harmful engine acids
- Increases horsepower output
- Provides lubricity agents for low sulfur fuel
- Improves overall engine performance

#### Instructions:

For Untreated Engines	1 qt. per 50 gallons of fuel
For Continued Treatment	1 qt. per 150-200 gallons of fuel
Storage Tank Treatment	1 gallon per 1000-2000 gallons of fuel





## Typical Properties

### Diesel Guard

Product Number	632	Test Method
Type	All Season	-
Viscosity@40°C (cSt)	7.12	ASTM D445
Viscosity@100°C (cSt)	1.82	ASTM D445
API	28.67	-
Specific Gravity	0.88	-
Density	0.88	-
Pour Point °C	< -50	ASTM D97
Lbs./Gal	7.36	-
Flash Point °C	>100	ASTM D92
Color	Amber	Visual

These properties are typical of the current production. Variations that do not affect product performance are to be expected depending on blending and manufacturing locations. The information above is subject to change without notice.

#### Health and Safety:

This product is unlikely to have any adverse health implications or safety hazards when used for its intended application. Avoid contact with skin, use resistant gloves when handling used oil. If skin comes in contact wash immediately with soap and water. For complete information on safe handling and product characteristics please refer to the Material Safety Data Sheet (MSDS) found on our website. [www.royalmfg.com](http://www.royalmfg.com) or call (918)-584-2671.

#### Packaging options:



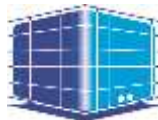
Quarts



1 Gal. Jugs



55 Gal. Drums



275/330 Gal. Totes



>2,000 Gal. Bulk

