

# TECHNICAL DATA SHEET – BDQ-200

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## Description Product

Diesel fuel conditioner environmentally improved.

## Context

In Fall 2006, the federal government has introduced new standards for diesel fuel to meet its commitments for the environment. Previously, the index of sulphur per liter of petroleum diesel was at 500 ppm (parts per million). With the new regulations, this index of sulphur now stands at 15 ppm, a considerable decrease. Obviously, this decline has very positive effects on environment. However, it is important to know that it was sulfur, which allowed a good lubrication of diesel engines. This decline in the index sulphur petrodiesel results in providing poor engine lubrication causing, therefore, an important engine wear in a time much faster. How to fix this problem? Our conditioner, **BDQ-200** is logical solution!

## Features and benefits

**BDQ-200** is a diesel fuel conditioner environmentally improved. It has the property to increase engine lubrication, and also the diesel pump. An additive is added which has the effect of increasing the cetane index and absorb the residual water in the tank and allowing better combustion of diesel fuel. Cleans injectors and allows a reduction of diesel consumption, while improving the environmental impact by reducing emissions.

Independent studies indicate that the operation cost of diesel is 0.10\$ per liter. By using the **BDQ-200**, you reduce the wear of diesel by 25% of that fact, you save 2.5% per liter engine maintenance.

The highway department of Saskatchewan has tested a similar product to our product. The results in terms of saving, we can't remain indifferent, 20% savings with an average of 6%. For example, assuming that the price of diesel is 1.20\$ per liter, the economy is 7.2 cents per liter. The total savings amounted is 2.5 cents / liter on maintenance, 7.2 cents per liter on fuel economy for a total of 9.7 cents / liter of diesel consumed.

Stabilizing agents are added to the final product to stabilize.

The proportion of use of **BDQ-200** is one (1) liter per thousand (1,000) gallons of diesel.

## Packaging

1 L, 3,78 L, 20 L, 205 L.

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## Chemical and physical properties

Appearance and odor : Yellow liquid mild odor

Boiling point : > 200°C

Flash point: > 130°C

Density: 0,88 g/cm<sup>3</sup> at 25°C

Solubility in water : Insoluble

Viscosity : 5 mm<sup>2</sup>/sec at 40°C

## Use guidelines

Using a proportion of 1 liter per 1000 liters of diesel.

Add **BDQ-200** before filling your tank of diesel.

The product should be stored between 5°C and 50 °C for better product stability.

Product may ignite if heated.

## Standard Disclaimer

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