



# RAVENOL Fließverbesserer

**Kategorie:** Winter

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**Application:** Industry, Truck, Marine, Agricultural machinery

## RAVENOL Fließverbesserer



can be mixed and is compatible with all diesel fuels (except Biodiesel) as well as fuel oils EL. Higher dosings as recommended are harmless. Demixing won't occur. Practical experiences show that under consideration of the different kind of diesel fuels and fuel oils EL offered on the market following cold properties are given. With different manufacturers of diesel fuel, the effect can vary. Addition: Liter Ravenol Fließverbesserer to Liter Diesel fuel respectively fuel oil EL Operating temperature Summer-Diesel fuel as well as fuel oil EL1 : 1000 \*- 10°C2 : 1000- 18°C3 : 1000- 23°C4 : 1000- 25°C Winter-Diesel-fuel1 : 1000- 25°C2 : 1000- 28°C3 : 1000- 31°C\*). The cold properties depend on the used DK respectively fuel oil EL. When admixing in a ratio of 1:1000 normally an improvement of the cold properties by 5°C to 10°C are possible. Characteristics: The basic advantages of

**0.25L | 1430220-250**

**1L | 1430220-001**

**5L | 1430220-005**

**208L | 1430220-208**

**RAVENOL Fließverbesserer** are: complete rest less burning no erosion of the flammability no change of the hazard category no reduction of the viscosity, no illegal wastage in the pump.

## Application instructions

Diesel fuel and fuel oil EL must have a temperature of more than 5°C when **RAVENOL Fließverbesserer** is used (this is given when the goods are stored in an underground tank!). **RAVENOL Fließverbesserer** itself must have a temperature of more than 0°C in case of use. Therefore, don't store it outside. **RAVENOL Fließverbesserer** will become viscous below 0°C – this will not influence the product quality.

### Please follow!

In order to guarantee an optimum mixing the diesel fuel should have a temperature of more than 0°C and the fuel oil EL more than 5°C. As the average temperatures are between 6°C and 9°C in case of a normal underground tank storage and diesel fuel and fuel oil EL are normally delivered with higher temperatures than the annual average it satisfies to pour the necessary quantity of **RAVENOL Fließverbesserer** into the fixed tank or vehicle tank before the vehicle is fuelled. The "splash" during the filling of the vehicle secures the necessary stable mixing.

Concerning overground positioned tanks approximately the half of diesel fuel or fuel oil quantity should be poured during the filling. If there is a deposit in the tank before filling a mixing with a temperature of more than 0°C can be secured. Then the necessary quantity of **RAVENOL Fließverbesserer** has to be poured and afterwards the second half of diesel fuel or fuel oil has to be tanked.

After having added **RAVENOL Fließverbesserer** (after having fuelled!) the engine of vehicles and working machines has to run approximately 10 minutes. Hereby it is secured that the **RAVENOL Fließverbesserer** reaches the fuel filter and the injection pump and can be effective there. This prevents starting problems.

### ATTENTION!

Before use in common rail or pump injector vehicles be sure to read the operating instructions of vehicle and follow the instructions of the vehicle manufacturer!

## Characteristics

- complete restless burning
- no erosion of the flammability
- no change of the hazard category
- no reduction of the viscosity, no illegal wastage in the pump