

ROTHEN BIO

Antifermentative and Corrosion Additive for Diesel

DESCRIPTION:

ROTHEN BIO is a derivate of N, N'-methylene-bis-(5-metiloxazolidina) recommended as a corrosion and biological degradation of diesel inhibitor that is used BOTH as fuel and combustible.

APPLICATIONS:

The water that may form during diesel storage represents a natural habitat for the development of microorganisms degrading the hydrocarbon phase. Bacteria, fungi, algae and yeast, if not properly inhibited, would lead to the formation of sludge and deposits at the bottom of the tank. Once in circulation, they may clog filters, blocking the smooth flow of fuel to the injectors of the engine and to the burners' boilers. The presence of Biodiesel further promotes bacterial growth, thus increasing the risk of corrosive acidic species, sludge and deposits' formations. The molecular structure of **ROTHEN BIO** has both hydrophilic and hydrophobic characteristics, ensuring a homogeneous distribution of the biocide. This results in an effective inhibitory action of the corrosive processes and the bacterial growth in diesel during long periods of storage in reservoirs, and during seasonal breaks inside the tanks of the vehicles.

USE:

Recommended percentages of use:

0,3 - 1 ‰ (per thousand) in automotive diesel (fuel and combustible)

TYPICAL PHYSICAL-CHEMICAL CHARACTERISTICS: (*)

FEATURES	METHOD	TYPICAL VALUES
Aspect	---	Liquid
Color	---	Clear Yellow
Density at 20°C	DIN 51 757	1.06 g/cm ³
PH (0.2% in water)	DIN 51 369	9.5
Refraction Index	---	1.47
Solubility	---	Soluble in water and in diesel at the recommended concentration

(*): The values are based on typical production, and may consequently vary.