

Predator™ 5000

Description

Predator™ 5000 is an effective broad spectrum antibacterial and antifungal agent for preserving petroleum distillate fuels and biodiesel blends up to B20.

Microbiological contamination in diesel fuel systems can cause major issues related to the presence of acids, biomass, and slime. Microbial growth can also propagate corrosion of the fuel system. Microbial growth can be found in all stages of fuel production, storage, distribution, and in end-user vehicles.

From fuel filter blocking, tank corrosion and dispenser corrosion, corroded fuel injectors, fuel starvation, microbial contamination affects many components within the fuel system. Good housekeeping, monitoring, and proper usage of an effective biocide are crucial measures for an asset protection strategy.

Predator™ 5000 acts in as little as 4 hours. However, a residence time of 12 to 72 hours is suggested for optimum efficacy of the biocide. It is also best practice to add the product in a manner which will promote thorough mixing and disperse the biocide homogenously throughout the fuel. Injection at the rack or addition during receipt of a fuel drop should facilitate adequate mixing

Features and Benefits

- Effective against a broad spectrum of bacteria, molds, and yeasts
- FAST ACTING – decreases microbial activity in as quickly as four hours after initial treatment
- Dual phased effective in both water and diesel fuel
- Prevents fuel filter plugging caused by microbial matter
- Prevents fuel tank corrosion
- Long lasting activity that can protect multiple fuel turnovers and long-term storage conditions
- Fully soluble in diesel fuel, BX blends and water

Typical Properties

Appearance	Colorless to Light Yellow
Form	Liquid
Specific Gravity	1.049-1.069 @ 68 °F (20 °C)
Solubility	Soluble in water
Flash Point	>2120F
Pour Point, °F	<-32

Recommended Usage

Typical treat rate is 1 oz. per 78 gallons.

“Shock” treat rate is 2 oz. per 78 gallons.

Registered EPA maximum Treat Rate 1:1000 in Diesel

Storage and Handling

Wear proper protective gear and avoid personal contact with Predator™ 5000. Do not get in eyes or on skin or clothing. Do not swallow. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container. Use extreme caution when using any biocide. See the Material Safety Data Sheet for product specific information.

Shelf Life

2 years under proper storage conditions

