

VpCI®-705 Bio

Additive for Bio-Fuels

DESCRIPTION

VpCI®-705 Bio is specially formulated for use as a multifunctional fuel additive in biodiesel and other bio-fuels. It serves as a corrosion inhibitor and water emulsifier for biodiesel, diesel, and gasoline.

VpCI®-705 Bio provides excellent corrosion protection for all of the common engineering metals used in automotive fuel systems including aluminum, aluminum die cast and zinc die cast alloys, tinsplate, copper, ferrous alloys, cast iron, and solder. VpCI®-705 Bio gives unique multimetal corrosion protection in all phases: liquid, interface, and vapor phases for protection above and below the fuel level.

PACKAGING & STORAGE

VpCI®-705 Bio is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, liquid totes, and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf life: 2 years

VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES



TYPICAL APPLICATIONS

- Fuel tanks
- Carburetors
- Fuel pumps
- Upper engine cylinder components

ADVANTAGES

- May be used in storage
- Provides efficient corrosion protection in biodiesel, diesel, and gasoline
- Protects all metals including tinsplate, solder, copper, aluminum, steel, and brass
- Protects upper cylinder walls, piston heads, and rings during shutdown
- Provides protection in liquid and vapor phase and at liquid/air interface
- Passes rust test in accordance to MIL-I-25017
- Passes rust test in accordance to ASTM D665-92
- Does not contain trace metals, chlorides, chromates, nitrites, or phosphates
- Does not form corrosive combustion products

PHYSICAL PROPERTIES

Appearance	Clear Amber Liquid
Density	7.3-7.6 lb/gal (0.87-0.91 kg/L)
Specific Gravity	0.89
Odor	Vegetable-Oil-Like
Flash Point	168.8 °F (76 °C)
Viscosity (Brookfield)	17 cSt
TAN (Total Acid Number)	28.9 mg KOH/g
Non-Volatile Content	80.0-85.0%

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APPLICATION

In-use fuel tanks

Add VpCI®-705 Bio to biodiesel, gasoline, and diesel fuel; fuel blending and storage facilities; or directly to fuel tanks.

Dosage: 0.1 - 0.2% per volume.

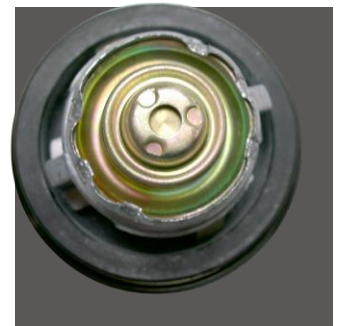
Storage and shipment of dry fuel tanks

Fog VpCI®-705 Bio into tank, covering as much internal surface area as possible.

Dosage: 1.5 oz. per 10 U.S. gallons tank volume (45 mL per 37 liters of tank volume).



Without VpCI®-705 Bio



**Fuel Treated with
VpCI®-705 Bio**

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

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