



VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES

gas oil
brine

VpCI® -705 Concentrate



Without VpCI-705



Fuel treated with VpCI-705

PRODUCT DESCRIPTION

VpCI-705 is specially formulated for use as a multifunctional fuel additive. It serves as a corrosion inhibitor, fuel stabilizer, and water emulsifier for gasoline, diesel, gasohol mixtures and alcohol fuels. VpCI-705 is also soluble in methanol blends as well as neat methanol fuel or neat gasoline. VpCI-705 provides corrosion protection, lubricity and elastomer protection for ethanol fuels, including gasohol. As a fuel stabilizer, this product provides better engine performance.

VpCI-705 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, tinfoil, copper, ferrous alloys, cast iron and solder. VpCI-705 gives unique multimetal corrosion protection in all phases: liquid, interface and vapor phases above and below the fuel level. Furthermore, due to its tenacious film-forming properties, VpCI-705 even provides corrosion protection to non-metallics, i.e. rubber gaskets, seals and plastics against oxidation, cracking and aging.

TYPICAL APPLICATIONS

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

ADVANTAGES

- May be used in operation and storage
- Provides efficient corrosion protection in diesel fuels, gasoline and alcohol fuels including methanol and ethanol
- Blends with gasoline
- Protects all metals including terneplate, solder, copper, aluminum, steel and brass
- Protects upper cylinder walls, piston heads and rings during shutdown
- Good low temperature fluidity and relatively high flashpoint permitting ease and safety of application
- 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 D 665-92
- Liquid, easy to blend
- Fuel stabilizer allows better engine performance
- Does not contain trace metals, chlorides, chromates, nitrites or phosphates
- Does not form corrosive combustible products
- Displaces water in contact with tank walls and fuel lines
- Can be fogged into gas tanks
- **General Motors Corporation Approved Part N° 10661800**
- EPA (Environmental Protection Agency) Identification # 1733-0001

APPLICATION

In-use gasoline tanks:

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

Dosage: 0.1 - 0.15% per volume of tank to be protected.

Storage and shipment of dry fuel tanks:

Fog VpCI-705 concentrate 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.)



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

PHYSICAL PROPERTIES

Appearance	Clear yellow liquid
Density	6.7-6.9 lb/gal (0.80-0.83 kg/l)
Odor	Faint
Flash Point	156°F (69°C)
Non-volatile Content	18-26%
Coverage	770-790 ft ² /gal (18-19 m ² /l)
Pour point	-61°C

PACKAGING

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

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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