



VpCI® METALWORKING PRODUCTS



VpCI®-329

PRODUCT DESCRIPTION

VpCI-329 is a vapor corrosion inhibiting oil-based concentrate for use with lubricating, hydraulic, and preservation oils. VpCI-329 provides excellent protection in sheltered outdoor/indoor conditions. VpCI-329 protects in two unique ways by offering a tenacious film, which clings to metal surfaces as well as vapor phase inhibitors into the air above the oil. The vapors condense and form a protective barrier on metal surfaces that are not in contact with the oil. This combination allows complete protection to internal system parts.

FEATURES

- Contains no hazardous chromates, nitrites, or phosphate inhibitors
- High flash and fire points
- Protects ferrous metals, zinc, galvanized steel, aluminum, copper, brass, cadmium, and silver
- Zinc-free
- Compatible with most oils
- Can be fogged into metal compartments
- Parts can be dipped and stored
- VpCI-329 provides good salt spray resistance
- NATO #6850-66-132-6100
NSN #6850-01-470-3359
- VpCI-329 conforms to MIL-PRF-46002C(Grade1)

METHOD OF APPLICATION

Short-term protection: One part VpCI-329 to 20 parts oil.

Medium-term protection: One part VpCI-329 to 10 parts oil.

Long-term protection: One part VpCI-329 to 5 parts oil.

Storing metal parts: Spray, dip or brush VpCI-329 onto metal parts before storage.

Storage for lubricating, hydraulic and metal cutting systems: Add Cortec® VpCI-329 to oil in engines before storage.

For best results, add VpCI-329 to the oil, then cycle or run the engine for 10 minutes before shutdown. After storage, the engine can be normally operated. There is no need to remove VpCI-329 from an operating engine.

TYPICAL PROPERTIES

Appearance	Tan to light beige viscous liquid
Carrier	Light naphthenic oil
Corrosion Resistance	Up to 60 months
Coverage	960-1450 ft ² /gal (24-36 m ² /l)
Drying Time	Remains tacky
Film Thickness (dry film)	1-1.5 mils (25-37.5 microns)
Film Type	Oily
Flash Point	295°F (146°C)
Non-volatile Content	89-95%
Pour Point	-30°F (-34°C)
Removal Methods	Petroleum solvent cleaner/ alkaline cleaners (VpCI-416/ VpCI-419)
Viscosity	100-700 cps
Density	7.4-7.7 lb/gal (0.89-0.92 kg/l)

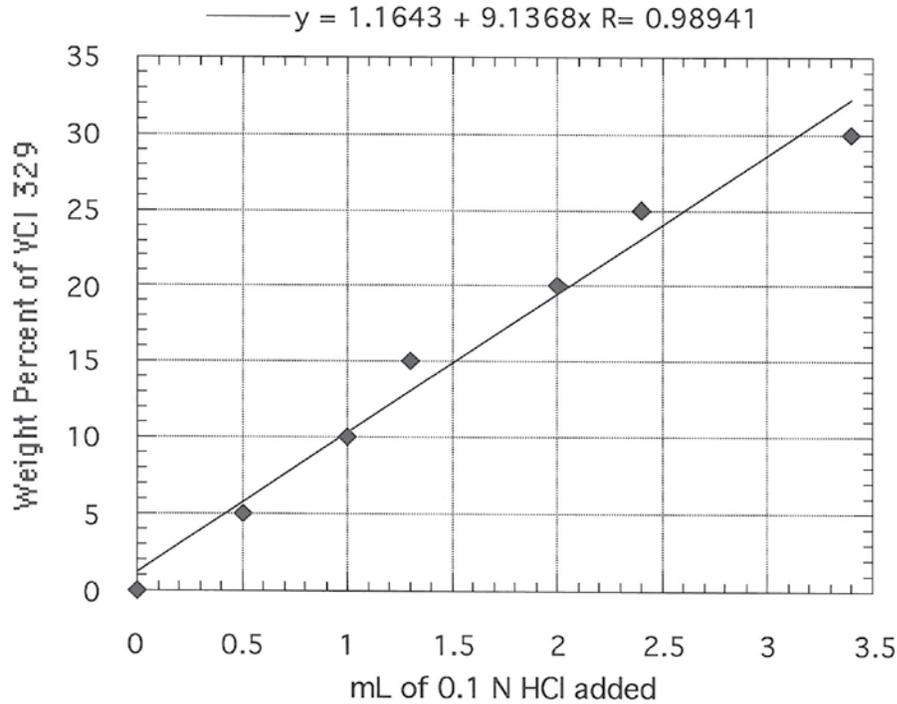
PACKAGING AND STORAGE

VpCI-329 is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk. The product should be sealed before storage. Agitate before each use. The shelf life of VpCI-329 is up to 24 months.



VCI 329

Determination of Concentration by Titration



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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