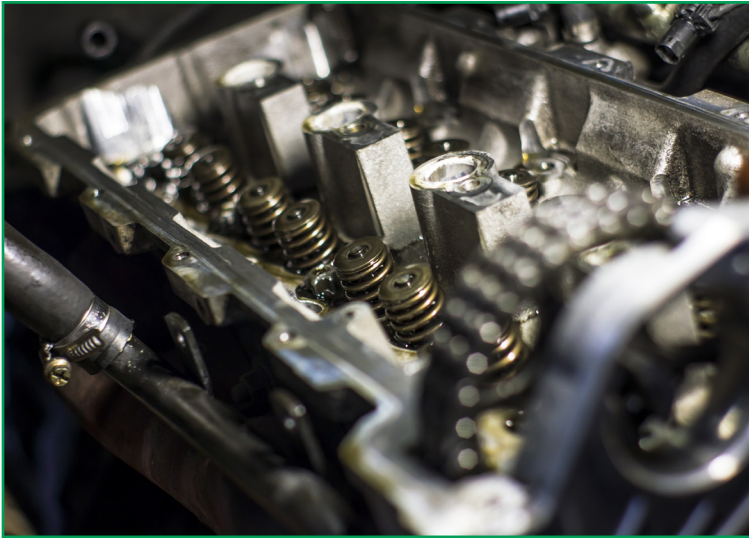


VpCI® METALWORKING PRODUCTS



VpCI®-329 / VpCI®-329 UV



PRODUCT DESCRIPTION

VpCI®-329 is an oil-based vapor corrosion inhibiting concentrate for use with lubricating, hydraulic, and preservation oils. It 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, and 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 structure of parts.

VpCI®-329 also comes with a UV tracer, as VpCI®-329 UV. VpCI®-329 UV shows a bright blue color under UV light (black light), making quality assurance and inspection of rust preventative particularly convenient.

FEATURES

- Contains no hazardous chromates, nitrites, or phosphate inhibitors
- Protects ferrous metals, zinc, galvanized steel, aluminum, copper, and brass
- Zinc-free
- Compatible with most mineral oils and PAO based fluids
- Can be fogged into metal compartments
- Parts can be dipped and stored
- NATO #6850-66-132-6100 / NSN #6850-01-470-3359

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.

• Same for VpCI®-329 UV.

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.

* Agitate before use.

TYPICAL PROPERTIES

Oil Characteristics		Typical Values
Appearance		Opaque Tan Color
Specific Gravity		0.91
Viscosity (ASTM D92)	40°C	51.4 cSt
	100°C	8.1 cSt
	Index	129
Pour Point (ASTM D6749)		-37°C (-35°F)
Flash Point (ASTM D92)		163°C (326°F)
Fire Point (ASTM D92)		164°C (328°F)
Total Acid Number (ASTM D974)	mg KOH/g	26.9
Oil Separability (ASTM D1401) @ 82°C (180 °F)	Oil, ml	0
	Water, ml	0
	Emulsion, ml	80
	Time, min	60
Foaming Characteristics (ASTM D892)	Seq. I	365/290/600+
	Seq. II	435/350/600+
	Seq. III	340/260/600+

Properties listed above are typical of those obtained through normal production and do not constitute a specification. VpCI®-329 is generally soluble in hydrocarbon based fluids, however compatibility and solubility should be verified prior to use. Please contact Cortec® Technical Service for more information.

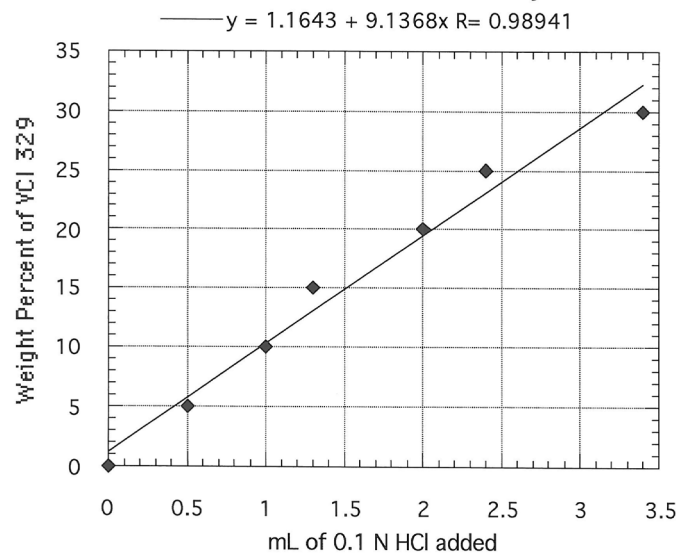
STANDARD TEST METHODS

ASTM D-1748	Humidity Cabinet	600+ Hours
ASTM B117	Salt Spray	100 Hours

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 SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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