



VpCI®-329



PRODUCT DESCRIPTION

VpCl®-329 is an oil-based vapor corrosion inhibiting concentrate for use with lubricating, hydraulic, and preservation oils, and provides excellent protection in sheltered outdoor/indoor conditions. VpCl®-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, and brass.
- 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
- VpCl®-329 is commercial equivalent to MIL-PRF-46002C (Grade 1)

METHOD OF APPLICATION

Short-term protection: One part VpCl®-329 to 19 parts oil.

Medium-term protection: One part VpCI®-329 to 9 parts oil.

Long-term protection: One part VpCl®-329 to 4 parts oil.

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

Storage for lubricating, hydraulic, and metal cutting systems: Add Cortec® VpCl®-329 to oil in engines before storage. For best results, add VpCl®-329 to the oil, then cycle or run the engine for 10 minutes before shutdown.

TYPICAL PROPERTIES

Oil Characteristics	Typica	l Values
Appearance	Opaque Tan Color	
Specific Gravity	0.91	
	40 °C	51.4 cSt
Viscosity (ASTM D92)	100 °C	8.1 cSt
	Index	129
Pour Point (ASTM D6749)	-37 °C (-35 °F)	
Flash Point (ASTM D92)	164 °C (326 °F)	
Fire Point (ASTM D92)	164 °C (328 °F)	
Total Acid Number (ASTM D974)	mg KOH/g	26.9
	Oil, ml	0
Oil Separability (ASTM D1401)	Water, ml	0
@ 82°C (180°F)	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.



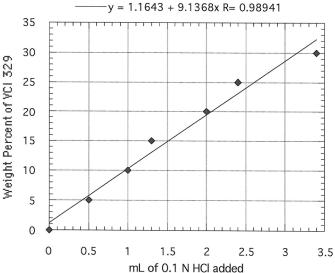
STANDARD TEST METHODS

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

PACKAGING AND STORAGE

VpCl®-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 VpCl®-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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