



## VpCI® METALWORKING PRODUCTS

# VpCI®-326

### PRODUCT DESCRIPTION

VpCI®-326 is a corrosion inhibitor oil additive for hydraulic oil and gearbox assemblies. VpCI®-326 performs effectively under the adverse conditions of 100% relative humidity, and in the presence of such corrosive species as chlorides, sulfur compounds or hydrogen sulfide. VpCI®-326 contains no hazardous chromates, nitrites or phosphate inhibitors.

VpCI®-326 utilizes the finest paraffinic petroleum distillates as carriers. VpCI®-326 possesses an exceedingly high flash point, enhancing in-plant safety when compared to common oil protectants.

VpCI®-326 is supplied in concentrate form, which is easily diluted with lubricating, hydraulic or preservative oils, saving shipping and inventory expense.

VpCI®-326 is a broad range corrosion inhibitor not only effective on ferrous metals, but also effective on zinc, aluminum, galvanized steel, copper, cadmium, silver, brass and many other alloys.

### FEATURES

- VpCI®-326 provides universal corrosion protection to ferrous and non-ferrous metals
- VpCI®-326 is nitrite-free, non-toxic and thermally stable, providing long-lasting contact and vapor phase corrosion protection
- With VpCI®-326, most lubricants can be upgraded in their anti-corrosion ability providing continuous corrosion protection during operation, standby and shutdown periods
- Passes through 1 micron filter
- Conforms to MIL-PRF-46002C(1)
- Conforms to MIL-I-85062 (Additives to oils)
- Conforms to MIL PRF-16173E(Grades 1&2)
- NATO 6850-66-132-6100
- NSN 6850-01-470-3358

### TYPICAL APPLICATIONS

Fog interiors with VpCI®-326 concentrate at 1 liter/m<sup>3</sup> (1 oz/ft<sup>3</sup>) of enclosed space.

VpCI®-326 is not recommended for applications involving direct contact with water. Contact Cortec for application questions.

### TYPICAL PROPERTIES

Appearance	Clear to slightly hazy yellow liquid
Corrosion Resistance	Up to 24 months
Coverage	960-1456 ft <sup>2</sup> /gal (24-36 m <sup>2</sup> /l)
Film Type	Oily, paraffinic
Film Thickness	0.5-1 mil (12.5-25 microns)
Flash Point	>230°F (>110°C)
Non-volatile Content	83-93%
pH	8.7-10.0 (1% solution)
Removal Method	Petro-solvents/alkaline cleaners (VCI-414/416/419)
Density	7.2-7.4 lb/gal (0.86-0.89 kg/l)

### PACKAGING AND STORAGE

VpCI®-326 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes and bulk.



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

**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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