



VpCI® METALWORKING PRODUCTS



# VpCI®-326



## PRODUCT DESCRIPTION

VpCI®-326 is a corrosion inhibitor oil additive for hydraulic oil and gearbox assemblies. It performs effectively under adverse conditions 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

- Provides universal corrosion protection to ferrous and non-ferrous metals
- Nitrite-free, 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 standby and shutdown periods

- NATO 6850-66-132-6100
- NSN 6850-01-470-3358

## TYPICAL APPLICATION

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

VpCI®-326 should not be used in applications with the potential to encounter liquid water. Contact Cortec® for application questions.

## TYPICAL PROPERTIES

| Oil Characteristics                            |              | Typical Values     |
|--|--------------|--------------------|
| Appearance                                     |              | Clear Yellow Color |
| Specific Gravity                               |              | 0.88               |
| Viscosity (ASTM D92)                           | 40 °C        | 19.2 cSt           |
|  | 100 °C       | 3.6 cSt            |
|  | Index        | 48                 |
| Pour Point (ASTM D6749)                        |              | -36 °C (-33 °F)    |
| Flash Point (ASTM D92)                         |              | 138 °C (280 °F)    |
| Fire Point (ASTM D92)                          |              | 140 °C (284 °F)    |
| Total Acid Number (ASTM D974)                  | mg KOH/g     | 52.2               |
| ISO Particle Count Code                        |              | 17/15/12           |
| Oil Separability (ASTM D1401) @ 54 °C (129 °F) | Oil, ml      | 0                  |
|  | Water, ml    | 0                  |
|  | Emulsion, ml | 80                 |
|  | Time, min    | 60                 |
| Foaming Characteristics (ASTM D892)            | Seq. I       | 20/0/12            |
|  | Seq. II      | 25/0/7             |
|  | Seq. III     | 5/0/3              |

Properties listed above are typical of those obtained through normal production and do not constitute a specification. VpCI®-326 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.



## PACKAGING AND STORAGE

VpCI®-326 is available in 32 oz. (0.92L) containers, 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums, liquid totes, and bulk.

**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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