VpCl®-322 SC Oil Concentrate

PRODUCT DESCRIPTION
VpCl-322 SC oil-based super concentrate adds corrosion protection to lubricating or hydraulic oils. VpCl-322 SC provides excellent protection in indoor or open air conditions. First, oil-soluble corrosion inhibitors offer a tenacious film which clings to metal surfaces, giving excellent contact corrosion protection. In addition to this film barrier, VpCl-322 SC releases vapor phase corrosion inhibitors into the air above the oil. These VpcIs attach to metal surfaces for additional corrosion protection.

FEATURES
• Corrosion protection to ferrous and non-ferrous metals
• Does not contain hazardous barium, chromates, nitrites or phosphate inhibitors
• High flash point
• Passes through a size 5 micron filter
• Can be used in hydraulic applications
• Provides protection in presence of chlorides
• When added at a concentration level of 2.5-5% to hydraulic fluids, generally does not affect pour point and viscosity at low temperatures
• Compatible with most mineral and synthetic oils
• Suitable for intermittent use and storage conditions

TYPICAL APPLICATION
Lubricating and hydraulic oil systems for intermittent operation:
Add VpCl-322 SC to oil at a ratio of 1 part VpCl-322 SC to 19 parts oil for 24 months protection.

Tanks, gearboxes, differentials - stored or shipped dry:
Fog cavity interior with VpCl-322 SC concentrate using 1 pint (0.5 liter) per 35 ft³ (1.1 m³) of enclosed space.

METALS PROTECTED
• Carbon Steel • Copper
• Stainless Steel • Cadmium
• Galvanized Steel • Magnesium
• Aluminum • Silver
• Brass • Zinc

TYPICAL PROPERTIES
Appearance Dark amber viscous liquid
Corrosion Resistance Up to 24 months
Coverage 1260-1370 ft²/gal (31-34 m²/l)
Film Thickness 0.5-1 mil (12.5-25 microns)
Film Type Oily, paraffinic
Flash Point >212°F (>100°C)
Non-volatile Content 90-99.5%
Removal Method Petroleum solvents
pH 8.1-10.0 (1% aqueous solution)
Density 7.6-8.0 lb/gal (0.91-0.96 kg/l)

PACKAGING AND STORAGE
VpCl-322 SC is packaged in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. The product should be sealed before storage. The shelf life of VpCl-322 SC is up to 24 months.
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

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation’s obligation under this warranty shall be limited to replacement of product that proves to be defective.

To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the product.

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