**PRODUCT DESCRIPTION**

M-320 is an additive for rust preventive, lubricating, or hydraulic oils. M-320 provides excellent contact corrosion protection. In addition to film barrier, M-320 releases Vapor phase Corrosion Inhibitors (VpCI®) into the air above the oil. These VCIs 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
- Low in toxicity and thermally stable, providing long-lasting contact and vapor phase corrosion inhibitors
- Can be used in hydraulic applications
- Provides protection in presence of chlorides
- When added at a concentration level of 1-5% to hydraulic fluids, does not affect pour point and viscosity at low temperatures
- Compatible with most mineral and synthetic oils
- Suitable for both operating and intermittent use conditions

**TYPICAL APPLICATION**

Rust Preventive, lubricating and hydraulic oil systems for intermittent operation, short term and long term preservation: Add M-320 at a concentration level of 1-5% by weight.

* Contact Cortec® for specific dosage recomendations

**METALS PROTECTED**

- Carbon Steel
- Copper
- Stainless Steel
- Cadmium
- Galvanized Steel
- Magnesium
- Aluminum
- Silver
- Brass
- Zinc
- Solder
- Tin
- Lead

**TYPICAL PROPERTIES**

- Appearance: Clear dark amber to brown liquid
- Non-volatile Content: 90-99.5%
- Density: 7.6-8.0 lb/gal (0.91-0.96 kg/l)
- pH: 8.1-10.0 (1% aqueous)

**PACKAGING AND STORAGE**

M-320 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 M-320 is up to 24 months.
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 products.

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