



**VpCI™ ADDITIVES FOR COATINGS, FLUIDS, ADHESIVES AND PLASTICS**

# M-530 Oil Based Corrosion Inhibitor



**PRODUCT DESCRIPTION**

M-530 is an oil-based package of corrosion inhibitors for hydraulic or lubricating oils. M-530 is a rust preventative product, which provides excellent protection during operating conditions and intermittent operations.

M-530 is very effective for mineral and synthetic oils: naphthenic, iso-paraffinic, PAOs, among others.

**FEATURES**

- Corrosion protection to ferrous and non-ferrous metals
- Does not contain hazardous barium, chromate, nitrite or phosphate inhibitors
- High flash point
- Low in toxicity and thermally stable, providing long-lasting corrosion inhibition
- Passes through a 5 micron filter
- Can be used in hydraulic applications
- Provides protection in the presence of chlorides
- When added at recommended concentration to hydraulic fluids, does not affect emulsification, pour point or viscosity at low temperatures
- Compatible with most mineral and synthetic oils
- Suitable for both operating and intermittent use conditions

**TYPICAL APPLICATION**

For hydraulic and lubricating oil systems in intermittent operations, add M-530 to oil at a concentration of 2-5% weight.

**METALS PROTECTED**

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

**TYPICAL PROPERTIES**

Appearance	Dark brown viscous liquid
Non-volatile Content	95-99%
Density	8.2-8.3 lb/gal (0.98-1.00 kg/l)
pH	6-8 (1% in water)
ASTM D974 TBN	18.22 mg of KOH/g

**TYPICAL PROPERTIES**

**when added at concentration level 2-5% by weight to Hydraulic or Gear oil**

ASTM D 1748 (Corrosion protection in Humidity Cabinet)	5+ days
ASTM D 1401 (Water separability of Petroleum and Synthetic Fluids)	<ul style="list-style-type: none"> <li>• Does not cause emulsification</li> <li>• Does not affect oil water separability</li> </ul>

**PACKAGING AND STORAGE**

M-530 is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. M-530 should be sealed before storage. The shelf life is up to 24 months.



**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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