



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 1 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
- Stainless steel
- Galvanized steel
- Aluminum
- Brass
- Copper
- Cadmium
- Magnesium
- Silver
- Zinc
- Solder
- Tin
- Lead
- Bronze

TYPICAL PROPERTIES

Appearance	Amber Liquid
Non-volatile Content	85-100%
Density	7.5-7.7 lb/gal (0.90-0.92 kg/l)
pH	6-8 (1% in water)
ASTM D974 TBN	18.22 mg of KOH/g
Viscosity at 70°F	500 cPs
Pour Point	-18°F (-28°C)

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"> • Does not cause emulsification • Does not affect oil water separability

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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