



VCI ADDITIVES FOR FORMULATORS

M-529 Oil Based Corrosion Inhibitor



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 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 pour point and viscosity at low temperatures
- Compatible with most mineral and synthetic oils
- Suitable for both operating and intermittent use conditions

TYPICAL APPLICATION

For lubricating and hydraulic oil systems for intermittent operations, add M-529 to oil at a concentration of 2-5% weight.

PRODUCT DESCRIPTION

M-529 is an oil-based package of corrosion inhibitors for lubricating or hydraulic oils. M-529, a rust preventive, provides excellent protection during operating conditions and intermittent operation.

M-529 is very effective for organic and synthetic oils.

METALS PROTECTED

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

PHYSICAL PROPERTIES

Appearance	Dark amber viscous liquid
Non-volatile Content	95-99%
Density	7.6-7.7 lb/gal (0.91-0.92 kg/l)

PERFORMANCE PROPERTIES

M-529 is a unique additive which effectively prevents corrosion of engines during storage and at the same time decreases high-temperature oxidation and wear of metal in working engines.

Tested in Castrol Dieselall® SAE 10W30 and SAE 15W40 engine oils, M-529 dramatically improved protection of carbon steel and copper in humid atmosphere (ASTM D 1748), and protection of carbon steel according to the Ball Run Test in acidic conditions.

When tested in the Cummins High Temperature Corrosion Bench Test and Multimetal Cummins Bench Corrosion Test, M-529 caused no adverse affect on chemical and physical parameters of oil.

Field tests in a gasoline-powered V-8 engine confirmed that incorporating M-529 to engine oil reduces the wear of metals and preserves the oil from oxidation.

PACKAGING AND STORAGE

M-529 is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. M-529 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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