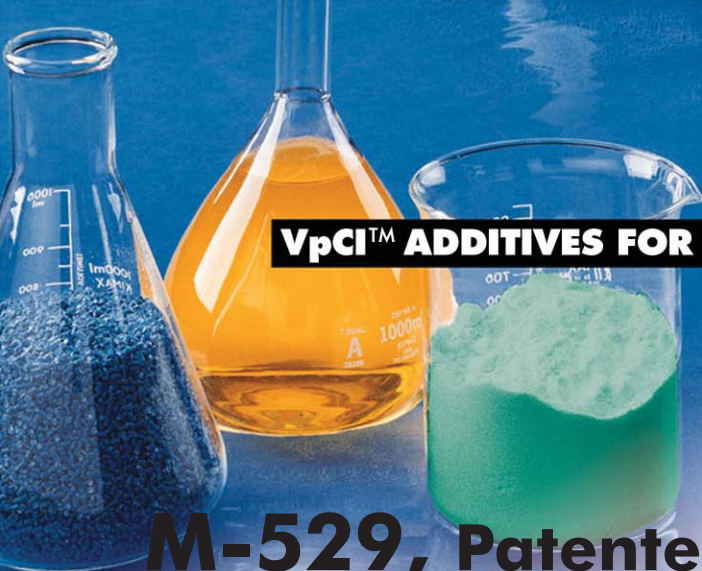




## VpCI™ ADDITIVES FOR COATINGS, FLUIDS, ADHESIVES AND PLASTICS



# M-529, Patented Oil Based Corrosion Inhibitor



### FEATURES

- Corrosion protection to ferrous and non-ferrous metals
- Does not contain hazardous barium, chromates, nitrites or phosphate-based inhibitors
- High flash point
- Low in toxicity and thermally stable, providing long-lasting corrosion inhibition
- Passes through a 5 micron filter
- Provides protection in the presence of chlorides
- When added at recommended concentration to 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
- Available in superconcentrate form (M-529 SC)

### PRODUCT DESCRIPTION

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

M-529 is very effective for mineral and synthetic oils: naphthenic, iso-paraffinic, PAOs, etc.

### TYPICAL APPLICATION

For lubricating oil systems in intermittent operations, add M-529 to oil at a concentration of 2-5% by weight. Add M-529 SC at a concentration of 1.5-3.5% by weight.

### 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 oil 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. Carbon steel was tested in extreme humidity, with M-529 as an additive according to ASTM D-1748, corrosion resistance was provided for 480 hours.

Tested in Castrol Diesell<sup>®</sup> SAE 10W30 and SAE 15W40 engine oils, M-529 dramatically improved protection of carbon steel and copper in a humid atmosphere (ASTM D 1748), and protected 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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