



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

# M-370/M-370 NS/M-370 HS/M-370 C

### PRODUCT DESCRIPTION

M-370 is a multimetal, corrosion preventive additive for water-based metalworking fluids, lubricants, cleaners and coatings during product manufacturing. This water-based additive utilizes VCI technology for maximum protection.

M-370 is also available in:

- M-370 NS, a surfactant-free version, which helps in some detergent formulations
- M-370 HS, a high surfactant version for providing a source of a compatible surfactant with levels high enough to clean
- M-370 C, which provides additional protection to cast parts and surfaces which are rough

### FEATURES

- Water-soluble
- Environmentally acceptable
- Safe to apply
- Prevents flash corrosion on metal surfaces
- Very stable in hard water
- Forms a hydrophobic film
- Will pass through a 1 micron filter
- Nitrite-free and phosphate ester-free
- Non-flammable
- Passes ASTM D-4627-86 (Test Method for Iron Chip Corrosion for Water-soluble Metalworking Fluids) at 2.0% by weight
- Usually can be added at any stage of production

### TYPICAL APPLICATIONS

- Coolants
- Primer coatings
- Alkaline cleaners/detergents

### SUGGESTED STARTING CONCENTRATIONS

*Short-term protection:*

1 part concentrate to 50-60 parts solution.

*Long-term protection:*

1 part concentrate to 40 parts solution.

*For protection up to two years:*

1 part concentrate to 20 parts solution.

### METALS PROTECTED

- Cast iron
- Cast aluminum
- Steel
- Copper

### TYPICAL PROPERTIES

Appearance	Clear dark brown liquid
Film Type	Dry, clear
pH	8.0-9.5 (Neat)
Density	8.8-8.9 lb/gal (1.05-1.07 kg/l)
Non-volatile Content	40-45%

### PACKAGING AND STORAGE

M-370 is packaged in 5 gallon (19 liter) containers, 55 gallon (208 liter) drums, liquid totes and bulk. The product should be sealed and stored in a heated warehouse to avoid freezing. M-370 has a shelf life of 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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