

OAK PROTECT[®] 403

CORROSION PREVENTATIVE



Product Information Flyer

DESCRIPTION

OAK PROTECT 403 is a water-emulsifiable, long-term, indoor corrosion inhibitor for ferrous and non-ferrous metals.

APPLICATION

OAK PROTECT 403 will provide up to 12-18 months of corrosion inhibition depending on concentration used, humidity and air temperature.

IDEAL CHOICE FOR:

- Final rinse after spray or immersion cleaning.
- Shipping packaged machine components, engine parts, compressor housings, castings, etc.
- Indoor storage of metal parts.

CORROSION INHIBITING CHARACTERISTICS:

Provides superior long-term indoor corrosion inhibition with excellent resistance to high humidity and acidic atmospheres.

THIN FILM PROTECTION:

Deposits thin, oily film that is easily cleanable with either aqueous cleaners or vapor degreasing. Transparent coating allows visual inspection of parts and/or identification markings. Fast drying formulation- requires no heating.

VERSATILE:

May be applied by airless spray, dipping or brushing methods. Can be applied directly to wet metal surfaces.

ECONOMICAL:

Concentrated product can be diluted for low end-use cost.

NOTE FOR USE:

For optimal rust prevention during shipment or storage of parts, allow products to dry completely prior to packaging or stacking. Always test the product in advance to confirm that it meets required performance standards for your operations.

RECOMMENDED STARTING DILUTIONS

OAK PROTECT 403 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager. Not recommended for use with magnesium or alloyed magnesium.

Typical use range: 5% - 20% (1:20 to 1:5)

Metal parts should be thoroughly cleaned before applying. After application, the water should be allowed to fully evaporate before the parts are handled, packaged and stored. The deposited protective film, although fast drying, will dry faster with increased air temperature and circulation.

CONCENTRATION

Total Alkalinity titration, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 1.0

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration of a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in Water: 100% miscible

Specific Gravity: 0.90

pH Concentrate: NA

Silicones: Yes

Appearance and Odor: Clear/Bland

Weight, lb/gal, 60°F (15.6°C):7.7

VOC Content (ASTM D2369): 18.0%

pH, 15% mix: 9.4

HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir prior to use. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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