



VpCI® METALWORKING PRODUCTS

VpCI®-329 Superconcentrate



PRODUCT DESCRIPTION

VpCI-329 Superconcentrate (SC) is a vapor corrosion inhibiting oil-based concentrate for lubricating and preservative oils. VpCI-329 SC protects in two unique ways. First, oil-soluble corrosion inhibitors offer a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection. In addition to this film barrier, VpCI-329 SC releases vapor phase corrosion inhibitors into the air that attach electrochemically to the metal surface.

FEATURES

- Saves shipping and inventory expenses
- Treated oils perform effectively even under the adverse conditions of 100% relative humidity and in the presence of such corrosive species as chlorides, sulfur compounds or hydrogen sulfide
- Contains no hazardous chromates, nitrites or phosphate inhibitors
- Easily diluted with lubricating and preservative oils
- Provides universal corrosion protection to ferrous and non-ferrous metals
- Non-toxic and thermally stable, providing long-lasting corrosion and vapor phase corrosion protection
- Oils treated with VpCI-329 SC can conform to MIL-P-46002 and MIL-C-16173D (Grade 3)

METHOD OF APPLICATION

Dilute VpCI-329 SC with naphthenic mineral oil, viscosity 95-115 SUS (40°C).

Short-term protection (up to 12 months):
One part VpCI-329 SC to 20 parts oil.

Medium-term protection (up to 24 months):
One part VpCI-329 SC to 10 parts oil.

Long-term protection (up to 48 months):
One part VpCI-329 SC to 4 parts oil.

TYPICAL PROPERTIES

Appearance	Tan to brown viscous liquid
Non-volatile Content	85-91%
Odor	Mild
pH	9.5-10.5 (1% aqueous)
Removal Method	Petroleum solvents/alkaline cleaners (Cortec® VpCI-414/419)
Density	7.8-8.0 lb/gal (0.93-0.96 kg/l)

PACKAGING AND STORAGE

VpCI-329 SC is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums and bulk. The product should be stored sealed. The shelf life of VpCI-329 SC is up to 24 months in sealed drums.

Note: VpCI-329 SC may solidify. Heat to 95°F (35°C) to liquefy.

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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