



VpCI®-322 SC Oil Concentrate



PRODUCT DESCRIPTION

VpCI-322 SC oil-based super concentrate adds corrosion protection to lubricating or hydraulic oils. VpCI-322 SC provides excellent protection in indoor or open air conditions. First, oil-soluble corrosion inhibitors offer a tenacious film which clings to metal surfaces, giving excellent contact corrosion protection. In addition to this film barrier, VpCI-322 SC releases vapor phase corrosion inhibitors into the air above the oil. These VpCIs attach to metal surfaces for additional corrosion protection.

FEATURES

- Corrosion protection to ferrous and non-ferrous metals
- Does not contain hazardous barium, chromates, nitrites or phosphate inhibitors
- High flash point
- Passes through a size 5 micron filter
- Can be used in hydraulic applications
- Provides protection in presence of chlorides
- When added at a concentration level of 2.5-5% to hydraulic fluids, generally does not affect pour point and viscosity at low temperatures
- Compatible with most mineral and synthetic oils
- Suitable for intermittent use and storage conditions

TYPICAL APPLICATION

Lubricating and hydraulic oil systems for intermittent operation:

Add VpCI-322 SC to oil at a ratio of 1 part VpCI-322 SC to 19 parts oil for 24 months protection.

Tanks, gearboxes, differentials - stored or shipped dry:
Fog cavity interior with VpCI-322 SC concentrate using 1 pint (0.5 liter) per 35 ft³ (1.1 m³) of enclosed space.

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Aluminum
- Brass
- Copper
- Cadmium
- Magnesium
- Silver
- Zinc

TYPICAL PROPERTIES

Appearance	Dark amber viscous liquid
Corrosion Resistance	Up to 24 months
Coverage	1260-1370 ft ² /gal (31-34 m ² /l)
Film Thickness	0.5-1 mil (12.5-25 microns)
Film Type	Oily, paraffinic
Flash Point	>212°F (>100°C)
Non-volatile Content	90-99.5%
Removal Method	Petroleum solvents Alkaline cleaners (VpCI-410 series)
pH	8.1-10.0 (1% aqueous solution)
Density	7.6-8.0 lb/gal (0.91-0.96 kg/l)

PACKAGING AND STORAGE

VpCI-322 SC is packaged in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. The product should be sealed before storage. The shelf life of VpCI-322 SC is up to 24 months.



FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE
INFORMATION

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.


BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@corotecvci.com
Internet <http://www.corotecvci.com>

printed on recycled paper  100% post consumer
Revised: 10/31/13. ©Cortec Corporation 1999-2013. All rights reserved. Supersedes: 1/28/13.
2013, ©Cortec Corporation. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. ISO accreditation applies to Cortec's processes only.