



## VAPPRO VCI-OP 529 (pH Control)

VCI Corrosion Inhibitor against H<sub>2</sub>S, SO<sub>2</sub>, CO<sub>2</sub>, & Oxygen

### DESCRIPTION

Vapro VCI-OP 529 is a free flowing slight amber liquid specially developed to control pH and to combat Hydrogen Sulfide, Sulfur dioxide, Carbon dioxide, and Oxygen commonly found in crude oil processing equipment, pipelines, refinery and petrochemical plant equipment and system.

Vapro VCI-OP 529 is an excellent product for protecting the above said equipment against stress corrosion cracking (SCC) and hydrogen embrittlement, by forming a corrosion inhibiting barrier film. In addition, Vapro VCI-OP 529 provides a continuous vapour inhibitor to protect areas that are inaccessible through direct solution contact.

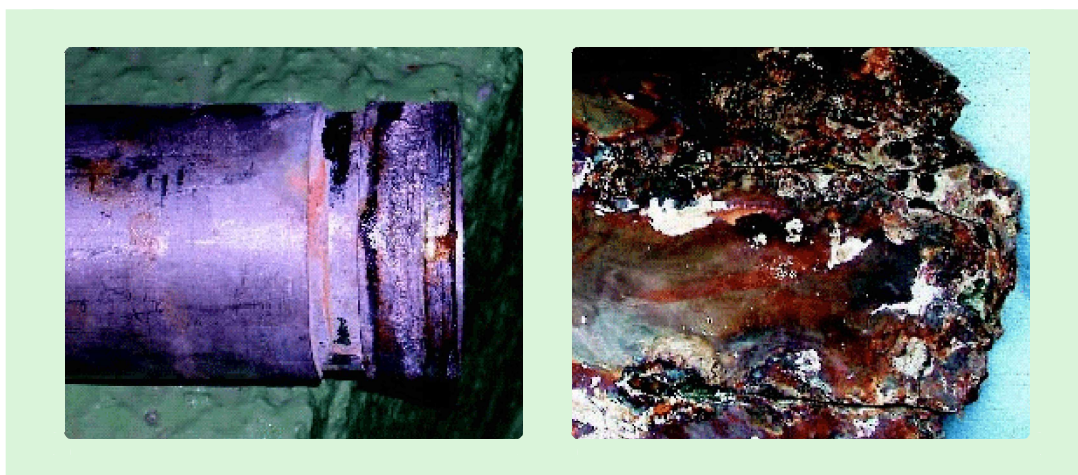


Typical corrossions found on tanks

### FEATURES

- Exhibits excellent corrosion inhibition properties against Hydrogen Sulfide, Sulfur dioxide, Carbon dioxide and Oxygen
- Prevents stress corrosion cracking (SCC) and hydrogen embrittlement.
- VCI phase provides continuous protection to inaccessible areas of the equipment.
- Inhibitor forms a an excellent barrier on surface of the equipment against corrosive gases.
- Post lingering corrosion inhibition effect.
- Available in concentrate form to reduce inventory shipment cost.





Severe corrossions found on pipes

| TYPE OF CORROSIVE MEDIUM | METHOD OF APPLICATION | DOSAGE       |
|--------------------------|-----------------------|--------------|
| H <sub>2</sub> S         | Continuous Injection  | 6000-7000ppm |
| CO <sub>2</sub>          | Continuous Injection  | 10-15ppm     |
| O <sub>2</sub>           | Continuous Injection  | 5-10ppm      |

## TYPICAL PROPERTIES

**Appearance**  
Clear Liquid

**Color**  
Light Amber Liquid

**Viscosity**  
Free Flowing Liquid

**pH**  
9.5- 11 ( 1% solution)

## AREAS OF USE

- Oil wells and equipment
- Pipelines and collection systems for water-encroached crude oil
- Refinery processing equipment
- Petrochemical plant equipment and systems
- Crude Oil processing equipment.

Packaging: 20 liter HPDE Pail or 209 liter Steel Drum

**Magna**

**Magna International Pte Ltd**

10H, Enterprise Road,  
Singapore 629834.

**Tel** (65) 6786-2616

**Fax** (65) 6785-1497

**Email** info@magnachem.com.sg  
info@vapprovci.com

**Web** <http://www.vapprovci.com>

### Headquarters



### Regional Offices



Follow us on social media for regular updates and news.



<https://www.facebook.com/vapprovci/>  
<https://www.facebook.com/MagnaInternationalPteLtd/>

The details of our products are given completely free of undertaking. Since their application lies outside our control, we cannot accept any liability for the results. User shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.



Copyright 2018. Magna International Pte Ltd.  
Magna, Vapro VCI and Vapro VBCI are registered trademarks of Magna International Pte Ltd.