



A Division of Magna International Pte Ltd

## VAPPRO OP 530

### The Revolutionary 3 Phase Corrosion Inhibitor

Provides Protection For Pipelines Through Vapour Phase, Direct Contact And Interface- The air voids above the water line.

#### DESCRIPTION

Vapro OP 530 is a free flowing slight amber liquid specially developed to control pH and to combat Hydrogen Sulfide, Sulfur dioxide, Carbon dioxide, moisture and Oxygen commonly found in crude oil processing equipment, pipelines, refinery and petrochemical plant equipment and system.

Vapro OP 530 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 OP 530 provides a continuous vapour inhibitor to protect areas that are inaccessible through direct solution contact.

#### 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.
- Nitrite-Free
- Contains no heavy metal
- Eliminates pitting corrosion
- Protects both ferrous and non-ferrous metals
- Available in concentrate form to reduce inventory shipment cost.

**Magna**

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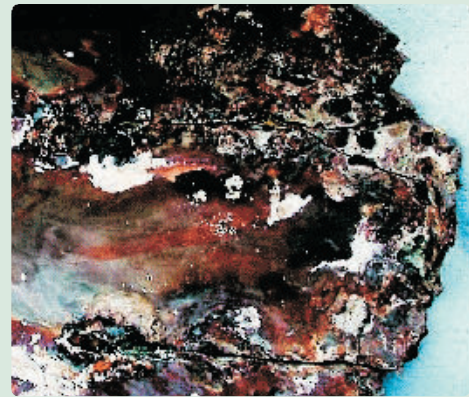
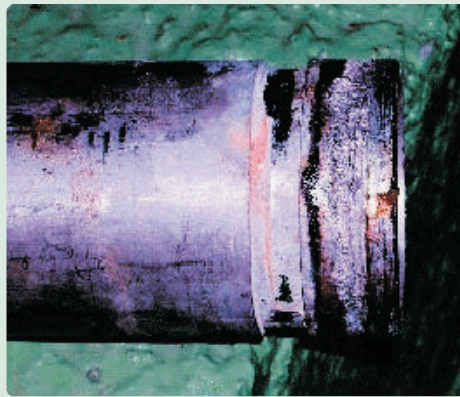
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Typical corrosions found on tanks



**RoHS COMPLIANT**  
EUROPEAN COMMUNITY  
DIRECTIVE 2002/95/EC



Severe corrossions found on pipes

TYPE OF CORROSIVE MEDIUM	METHOD OF APPLICATION	DOSAGE
H <sub>2</sub> S	Fogging/Continuous Injection	7000-10,000ppm
CO <sub>2</sub>	Fogging/Continuous Injection	300-500ppm
O <sub>2</sub>	Fogging/Continuous Injection	250-350ppm
Moisture	Fogging	1000-1500ppm

## TYPICAL PROPERTIES

**Appearance**  
Clear Liquid

**Color**  
Light Amber Liquid

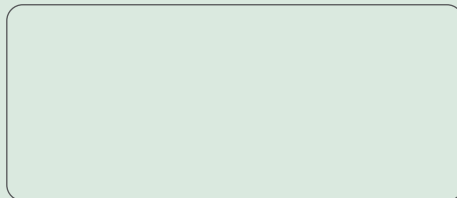
**Viscosity**  
Free Flowing Liquid

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

Packaging: 20 liter HPDE Pail or 209 liter Steel Drum

For more information about VAPPRO products, please request for **VAPPRO PRODUCT GUIDE** from any **VAPPRO** representative.

Please contact our distributor or reseller for more information:



## 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
- Crude Oil pipes

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DIRECTIVE 2002/95/EC

**PROMISING**  
SME 500  
2012

**TOP 100**  
SINGAPORE  
EXCELLENCE AWARD  
2012 / 2013

A member of  
**NACE**  
INTERNATIONAL

A member of  
**STLE**  
Society of Tribologists  
and Lubrication Engineers

A member of  
**THE WORLD**  
CORROSION  
ORGANIZATION