



**Your Corrosion Solution**

## PRODUCT INFORMATION

### VAPPRO 853 Emulso

VCI SOLUBLE OIL

<b>Function:</b> Vapour Corrosion Inhibitor (VCI)	<b>Application:</b> Rust Control Coolant	<b>Form:</b> Liquid
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## DESCRIPTION



Gray iron treated with V-853  
inside 100% Humidity Chamber

**VAPPRO 853** Emulso is specifically developed to replace conventional oil rust preventatives. It can be diluted with water prior to application to produce a thin, transparent, tack-free corrosion inhibiting film with excellent water displacement properties.

**VAPPRO 853** Emulso protects in two unique ways. First, it provides a tenacious film which clings to metal surfaces and provides excellent contact protection. Secondly, it releases Vapour Corrosion Inhibitors that electrochemically attach to metal surfaces for dual action corrosion protection. The combined action provides complete protection for internal systems of machined parts and components.

**VAPPRO 853** Emulso performs effectively under the most adverse conditions of 100% relative humidity and in the presence of corrosive elements such as chlorides, sulfur compounds or hydrogen sulfide.

## FEATURES

- Protects both ferrous and non-ferrous metals
- Nitrite-free and does not contain hazardous chromates or heavy metals
- Protects in two unique ways: a contact barrier film and VCI protection
- Excellent water displacement properties
- Biodegradable and environmentally friendly
- Does not contain any ozone depleting substances (ODS)
- Economical: can be diluted with water
- VCI phase provides protection to the internal system of machined parts
- Contains excellent anti-bacterial properties
- Can be fogged into metal compartments
- Specially developed to replace oils and solvent-based rust preventative compounds
- Excellent performance at 100% relative humidity
- Protects metals from chlorides, sulfur compounds and hydrogen sulfide

## APPLICATIONS

- Machined metal parts, components or assembly in processing stages, storage or shipping
- Protects multi-metal parts from corrosion or flash-rust during assembly, handling and shipping

**PHYSICAL PROPERTIES**

Appearance	Slightly viscous liquid
Color	Green
pH	10
Flash Point coc ASIM D92	163°C
Copper Corrosion ASTM D130 - 3 Hrs. at 100°C	1B
Pour Point ASTM D97	51°C
Specific Gravity ASTM D1298	0.92
Viscosity cst at 40°C	30

**DIRECTIONS FOR USE**

- Dipping, spraying or flow coating either in its concentrated form or in dilution
- Can be diluted with water or solvent prior to application
- Depending on the desired protection duration, may be diluted up to 100% with water

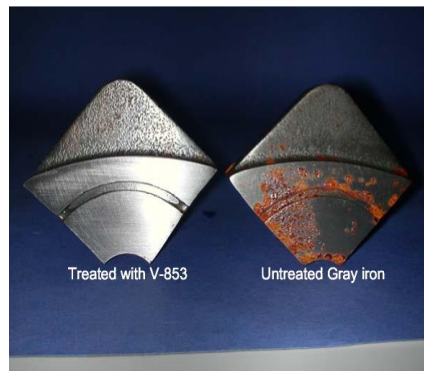
Short-term Protection (1-6 months)	1 to 20 parts water
Medium-term Protection (6-12 months)	1 to 15 parts water
Long-term Protection (up to 2 years)	1 to 9 parts water



Before dilution



After dilution of 1:20



After 48 hours in 100% Humidity Chamber

**PACKAGING**

- 20L Pail
- 200L Drum



**Manufacturing Facility**  
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