



## Rust Preventive Oils and Rustogel

Suprabha's tryst with anti-corrosion dates back to the '70s with its ground breaking innovation of eco-friendly Suprabha Vapour Corrosion Inhibitor (SVCI\*).

VCI's heralded a new era in the world of anti corrosion solutions and Suprabha became India's first eco-friendly SVCI Provider. Better known today as a Corrosion Solutions Provider, Suprabha is an INR 10 billion group with an ISO: TS 16949 Certification. Suprabha has numerous innovations and awards to its credit.

## Rust Preventive Oils

It is important to undertake the necessary preventive steps before rust promoting nuclei infiltrate into your metal components. Suprabha offers both, film forming and non film forming rust preventive oils.



## Rustogel

Suprabha Rustogel is a ready-to-use petroleum jelly based rust preventive gel. Upon application a tenacious film is created on the machined surface. The vapours released by chemicals create a protective vapour barrier that keeps corrosion promoting agents like moisture and oxygen away.

Ideal to use on partly machined large castings received from vendors, fabricated items, welded joints etc.

## Advantages of SVCI Rust Preventive Oils over traditional Rust Preventive Oils

Traditional Rust Preventive Oils work on the principle of Contact Inhibition. If the oil film is disturbed in handling, the exposed area catches rust, which subsequently spreads to the areas beneath the oil layer.

SVCI Rust Preventive oils work on the principle of both Contact and Vapour Corrosion Inhibitions. As a Contact Inhibitor, they form a film on the metal surface, forming an effective barrier between the metal surface and the atmosphere. The SVCI chemicals blended in the oil release continuous vapours into the air over the oil. In case the oil film is disturbed in handling, the vapours released by the chemicals from the neighbouring areas create a vapour barrier, thus protecting the metal surface. The vapours also migrate to the recessed areas of the component, where physical application of oil is not possible.

Suprabha also offers a special SVCI concentrate for oils. Most suitable for use with hydraulic oils, gear oils, lubricating oils and also MTO & kerosene. To be used at 0.25 % to 1.0 % concentration.

## Special Features

- Protection to Ferrous and Non-Ferrous metals except brass and cadmium
- Special properties to neutralise acid in the atmosphere or transferred by the finger prints on to the metal surface
- De-watering properties to de-bond the water from the wet surface of the component
- Non-hazardous, eco-friendly and environmentally safe
- Non-toxic and mild fragrance makes it ideal for in-plant use
- Conforms to IS-1674 specifications
- Provides protection to Ferrous as well as Non-Ferrous metals
- Even in adverse conditions of 100% Relative Humidity, the recessed areas of the metal surface are also properly protected
- Protection from rust during storage, both indoor as well as outdoor
- Economical and easy to use
- Protected areas of the component do not require cleaning/degreasing while assembling, thereby saving time and effort
- Easy to clean using common degreasers if necessary
- Components when additionally wrapped in Suprabha Rustopaper can offer longer period of protection

PRODUCT CODE	DESCRIPTION	APPLICATIONS	SPECIAL FEATURES	PROTECTION PERIOD
SVCI 401	Concentrate to oils	Lubricating and hydraulic systems. Tanks, Gear boxes, & for internal surface protection	As an additive to cleaning media like MTO and Kerosene	1-2 weeks depending on the concentration
SVCI 412	High viscosity engine oil as base oil	Corrosion Prevention for any machined component	Creates a non-drying imperceptible film, with finger print neutraliser	8-12 months indoor
SVCI 413	Oil based liquid, yellowish brown film	Corrosion Prevention for any machined component	Semi dry tenacious film with finger print neutraliser	8-12 months indoor
SVCI 414	Oil based liquid that creates yellowish brown film on the metal surface	Corrosion Prevention for all machined components particularly for heavy duty rust prevention	Semi-dry, Tenacious film forming oil, with finger print neutraliser	18-24 months indoor 4-6 months outdoor
SVCI 415	Low viscosity engine oil base	Corrosion Prevention for all machined components	Larger coverage area with de-watering properties, finger print neutraliser	4-6 months indoor
SVCI 415-IP	Low viscosity solvent base cut back	Corrosion Prevention for all machined components	Dries after application (Leaves no trace of oil layer)	3-4 months indoor
SVCI 419	Low viscosity petroleum distillate	Short term Corrosion Prevention and de-greasing	Finger print neutralizer, de-watering and cleaning property	2-3 months indoor
SVCI 432	Low viscosity petroleum distillate	Short term Corrosion Prevention	Forms a thin colourless dry film	5-6 months indoor
SVCI 433	Low viscosity petroleum distillate	Short term rust prevention	<ul style="list-style-type: none"> <li>Resistant to acids like HCL, H<sub>2</sub>SO<sub>4</sub>, etc.</li> <li>De-watering &amp; VCI Properties</li> </ul>	3-4 months
SVCI 434	High quality engine oil base	Rust Preventive oil for acid environment	<ul style="list-style-type: none"> <li>Resistant to acids like HCL, H<sub>2</sub>SO<sub>4</sub>, etc.</li> <li>De-watering &amp; VCI Properties</li> </ul>	10-12 months
SVCI 438	Low viscosity petroleum distillate	Corrosion Prevention for all machined components	Odourless, forms colourless non drying imperceptible film	4-6 Months
SVCI 445	Low viscosity engine oil base	Corrosion Prevention for all machined components	Larger coverage area with de-watering properties. Also a finger print neutraliser	4-6 months indoor
SVCI 445-IP	Low viscosity solvent cut back	Corrosion Prevention for all machined components	Dries after application. (Leaves no trace of oil layer)	3-4 months indoor
SVCI 452	Low viscosity solvent cut back based	Corrosion Prevention for all machined components	Dries after application. (Leaves no trace of oil layer)	1-2 months
SVCI 454	Oil based liquid that creates dark brown film on the metal surface	Corrosion Prevention for all machined components particularly for heavy duty rust prevention	<ul style="list-style-type: none"> <li>Dries after application, film forming oil.</li> <li>Also a finger print neutraliser</li> </ul>	18-24 months indoor 4-6 months outdoor
SVCI 457	High viscosity engine oil as base oil	Corrosion Prevention for any machined component	<ul style="list-style-type: none"> <li>Odourless oil, creates a non-drying imperceptible film.</li> <li>Also a finger print neutraliser</li> </ul>	8-12 months indoor
SVCI 470	High Viscosity synthetic wax based	Ideal for long term rust prevention	Dries after application forms thick waxy film	12-18 months
SVCI 475	High viscosity petroleum based	Specially designed for edge protection of steel coils	Odourless, forms non drying tenacious film	8-12 months
SVCI 480	Alkyd Resin based	Ideal for long term protection for machined components	Dries after application, forms thin hard film	8-12 months
SVCI 449	Low viscosity petroleum distillate	Short term rust prevention and de-greasing	Can also be used for light de-greasing	2-3 months indoor
SVCI 442	High viscosity engine oil as base oil	Corrosion Prevention for any machined component	<ul style="list-style-type: none"> <li>Creates a non-drying imperceptible film.</li> <li>Also a finger print neutraliser and less smell</li> </ul>	8-12 months indoor

PRODUCT CODE	DESCRIPTION	APPLICATIONS	SPECIAL FEATURES	PROTECTION PERIOD
SVCI 441	Organic oil based aromatic concentrate	Neutralisation of smell of the base oil	As an additive to cleaning media like MTO and Kerosene	NA
<b>Polymer Based Products</b>				
SVCI 490	Polymer based	Corrosion Prevention for electrical contacts, especially in control panels. Can be used as a top coat on the painted surface	Dries after application, forms colourless thick hard film, does not affect the electrical conductivity	10-12 months
SVCI 491	Polymer based	Corrosion Prevention for electrical contacts, especially in control panels. Can be used as a top coat on the painted surface	Dries after application, forms colourless thin hard film, does not affect the electrical conductivity	6-8 months
SVCI 418/448	Near neutral, slightly viscous, synthetic cleaning media	Surface Cleaning- removing oil, grease, dirt etc. No heating necessary, works at room temperature	<ul style="list-style-type: none"> <li>Creates a dry surface.</li> <li>Also a finger print neutraliser</li> </ul>	1-2 days
<b>Rustogel</b>				
SVCI 601	Light yellow transparent Rust Preventive Jelly	Ideal for vertical surfaces, large fabricated items for both indoor as well as outdoor protection	Clear film	12-15 months indoor 6 months outdoor
SVCI 602	Dark brown Rust Preventive Jelly	Ideal for vertical surfaces, large fabricated items for both indoor as well as outdoor protection	Yellowish brown tenacious film	18-24 months indoor 10-12 months outdoor
SVCI 603	Reddish Rust Preventive Jelly	Ideal for vertical surfaces, large fabricated items for both indoor as well as outdoor protection	Light Reddish film	18-24 months indoor 10-12 months outdoor

\* SVCI is the registered trade mark of Suprabha

**MSDS available on request.**

## Suprabha Protective Products Pvt. Ltd.

Bhandari Apts., First Floor, 373 Somwar Peth,  
Pune – 411 001, India.

Tel. : +91 20 2606 1123, +91 20 2606 1238

Fax : +91 20 2606 1103

e-mail : sales@suprabha.com

www.suprabha.com

Bengaluru • Chennai • Coimbatore • Delhi • Hyderabad • Indore • Jamshedpur • Kolkata • Ludhiana • Mumbai • Pune • Uttaranchal • Vadodara



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