

## Product information

*Valvoline Performance Products – Tectyl*

Version: TE011/02

### Tectyl™ 800-D BF

**Premium oil based, Barium Free, general purpose, corrosion preventive compound.**

TECTYL 800-D BF is a water displacing, low viscosity, lubricating corrosion preventive oil. The film is light, transparent and oily.

TECTYL 800-D BF is recommended for the protection and lubrication of small arms and automatic weapons, industrial equipment, tools, pneumatic controls and light duty machinery and motors in moist, cold conditions.

TECTYL 800-D BF serves as a light gauge wire preservative and a tube coating for undercover shipment and storage.

#### Approvals/Performance levels

##### Tectyl 800-D BF

###### Accelerated Corrosion tests:

@ Average recommended DFT

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH  
(Cold (2x4x1/8") Polished Steel panels)

**40+ days**

Water Displacement

(US Federal Standard STD 791-3007): **Pass**

###### Estimated Protection Period

Indoor: 24 months

#### Applications

###### Surface Preparation:

The maximum performance of TECTYL 800-D BF can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale.

###### Application:

TECTYL 800-D BF is formulated to be used as supplied. It is recommended that the ambient and product temperature be 10-35 °C at the time of product application. TECTYL 800-D BF can be applied by low pressure air spray, line lubricators or dip.

###### Removal:

TECTYL 800-D BF can be removed with mineral spirits or any similar petroleum solvent, vapor degreasing, hot alkaline wash or low pressure steam. Also Tectyl Biocleaner can be used to remove Tectyl 800-D BF.

#### Features & Benefits

###### Superior Protection

At the recommended DFT, the water resistance and displacement provides extraordinary fast protection against corrosion.

###### Environment

Tectyl 800-D BF does not contain Barium.

###### Processing

Tectyl 800-D BF is an easy to apply, protective coating.

###### Economical

Due to the thin film needed, a large area can be protected with little product.

## Product information

### Trusted since 1930

Since 1930, Tectyl™ protective coatings have been extending the operational life of cars, trucks, buses and other vehicles and equipment. The Tectyl name is synonymous with quality coatings that are easy to apply, long-lasting and easy to remove when no longer required.

For more information on Tectyl products, programs and services please visit  
[www.tectyl-europe.com](http://www.tectyl-europe.com)

### Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Tectyl specifications, variations in these characteristics may occur.

Tectyl 800-D BF	
<b>Appearance</b>	Light transparent
<b>Viscosity; @ 40°C [mm<sup>2</sup>/s] [cSt]</b>	14
<b>Recommended Dry Film Thickness</b> over metal profile [microns]	6,5
<b>Theoretical coverage @ recommended DFT [m<sup>2</sup>/ltr]</b>	155
<b>Drain time @ 20°C [hours]</b>	2-3
<b>Density @ 20°C [kg/ltr]</b>	0,866
<b>Flash Point, COC [°C]</b>	140
<b>Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]</b>	20

**This information only applies to products manufactured in the following location(s): Europe**

### Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet

<http://sds.valvoline.com>

### Protect the environment

Comply with local regulations. Comply with local regulations. Do not discharge into drains, soil or water.

### Storage

Tectyl 800-D BF should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 800-D BF can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 800-D BF is best before 36 months after production date.

### Caution

Refer to the Safety Data Sheet for additional handling and first aid information.

### Note

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE011/01

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