

Valvoline Performance Products – Tectyl

Version: TE022/01

Tectyl™ 283-S-17

Premium water displacing, oil based, corrosion preventive compound.

TECTYL 283-S-17 is a solvent cutback, water displacing, oil based corrosion preventive compound, lubricant and penetrant. The cured film is an ultralight, transparent, non-staining oil.

TECTYL 283-S-17 is used to protect industrial parts during long-term indoor or covered storage, and during domestic shipment.

Approvals/Performance levels

Tectyl 283-S-17
<p>Accelerated Corrosion tests: @ Average recommended DFT</p> <p>Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) 5+ days</p> <p>Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) 75+ days</p> <p>Water Displacement (US Federal Standard STD 791-3007): Pass</p>
<p>Estimated Protection Period</p> <p>Indoor: 6 months</p>

Application

Surface Preparation:

The maximum performance of **TECTYL 283-S-17** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature be 10-35 °C at the time of product application.

Application:

TECTYL 283-S-17 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Valvoline. DO NOT THIN **TECTYL 283-S-17**. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **TECTYL 283-S-17** can be applied by low pressure air spray or dipping.

Removal:

TECTYL 283-S-17 can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam. Tectyl Biocleaner can also be used to remove Tectyl 283-S-17.

Features and Benefits

Excellent protection

Tectyl 283-S-17 protects your parts during storage and domestic transport against corrosion.

Economical solution

With the thin layer of only 1,5 microns a large area can be protected against corrosion.

Waterdisplacing and non-staining

Tectyl 283-S-17 displaces water where needed and leaves no stains while protecting your parts against corrosion.

Health and Safety

For the health and safety related properties of this product reference is made to the Safety Data Sheet (SDS). A Safety Data Sheet is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Do not discharge into drains, soil or water.

Storage

Tectyl 283-S-17 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use.

Due to its composition Tectyl 283-S-17 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 283-S-17 can have a shelf life of 36 months minimum.

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 283-S-17	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,80
Recommended Dry Film Thickness over metal profile [microns]	1,5
Theoretical coverage @ recommended DFT [m ² /ltr]	87
Non Volatile [weight %]	15,5
Viscosity @ 40°C [mm ² /s] [cSt]	1,7
Drying time @ 20°C [minutes]	30
Cure time @ 20°C [hours]	2-3
Volatile Organic Content ISO 11890-2 (10.4) [g/ltr]	671

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

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

Caution

Adequate ventilation is required for cure and to ensure against formation of combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT OR TORCHES. 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. When applied on top or under another layer, please test prior to use on a small surface.

Author:

RdB, August 2015
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