

PRODUCT INFORMATION



Valvoline Performance Products – Tectyl

Version: TE039/01

Tectyl™ 810

Premium oil based, concentrated corrosion preventive compound.

TECTYL 810 is a mineral oil concentrate, rust preventive compound, which can be diluted with water to a milky white emulsion.

TECTYL 810, when emulsified at 5-25 % in water, protects metal surfaces against corrosion and gives excellent lubricity for a variety of industrial metalworking.

TECTYL 810, as a water emulsion, cures to a thin and oily film.

Approvals/Performance levels

Tectyl 810

Accelerated Corrosion tests:
@ Average recommended DFT

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

Based on 10% Tectyl 810 emulsion in water

Estimated Protection Period

Indoor: 6 months

Remark: In case of separation of oil and water an addition of 1 – 3% 2-Butoxyethanol (= Butyl Oxitol or Butyl glycol) CAS no. 111-76-2 might solve the problem.

Applications

Surface Preparation:

The maximum performance of **TECTYL 810** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale.

Application:

TECTYL 810 is primarily applied in water emulsions in 5 to 25 percent concentrations. Ideally de-mineralized or distilled water should be used. Water hardness below 10°D.

When mixing, always add the oil to the water!!!

Ensure uniform consistency prior to use. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **TECTYL 810** can be applied by spraying or dipping. When used in diptanks the emulsion should be gently circulated or agitated prior to use. Cover the diptank during the weekends or a longer stand still.

Removal:

TECTYL 810 can be removed with mineral spirits or any similar petroleum solvent or alkaline cleaners. Tectyl Biocleaner can also be used for removal.

Features & Benefits

Superior Protection

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

Processing

Tectyl 810 is an easy to apply, protective coating.

Economical

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

Tectyl™
PROTECTIVE PRODUCTS

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

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 810 | |
|--|------|
| Flash Point, PMCC [°C] | 140 |
| Density @ 20°C [kg/ltr] | 0,93 |
| Viscosity @ 40°C [mm ² /s][cSt] | 30 |
| Recommended Dry Film Thickness over metal profile [microns] | 1,25 |
| Theoretical coverage @ recommended DFT [m ² /ltr] | 800 |
| Dry to Touch Time @ 20°C [hours] | 1 |
| pH @ 20°C [10% emulsion in water] | 7,0 |
| Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr] | 49 |

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 810 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Under proper storage conditions Tectyl 810 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.

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