

Valvoline Performance Products – Tectyl

Version: TE028/01

Tectyl™ 472

Premium water displacing, oil based, corrosion preventive compound.

TECTYL 472 is a solvent cutback, water displacing, oil based corrosion preventive compound and penetrant.

TECTYL 472 is used to protect industrial parts during long-term indoor or covered storage, and during domestic shipment.

TECTYL 472 cures to an ultra light, transparent oil film.

Approvals/Performance levels

Tectyl 472

Accelerated Corrosion tests:

@ Average recommended DFT

Accelerated Corrosion tests:

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS
(Q-Panels, Type R, ASTM A1008)

5+ days

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH
(Q-Panels, Type R, ASTM A1008)

75+ days

Water Displacement

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

Estimated Protection Period

Indoor: 6 months

Applications

Surface preparation:

The maximum performance of **TECTYL 472** 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 is 10-35 °C at the time of product application.

Application:

TECTYL 472 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 472**. 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 472** can be applied by low pressure air spray or dipping.

Removal:

TECTYL 472 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 472.

Features & Benefits

Excellent protection

Tectyl 472 protects your parts during storage and domestic transport against corrosion.

Economical solution

With the thin layer of only 3 microns a large area can be protected against corrosion.

Easy application

Tectyl 472 can be applied by low pressure air spray, but also by dipping the parts in a bath filled with Tectyl 472.

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 472	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,81
Recommended Dry Film Thickness over metal profile [microns]	3,0
Theoretical coverage @ recommended DFT [m²/ltr]	68,5
Non Volatile [weight %]	26
Viscosity @ 40°C [mm²/s] [cSt]	2,0
Cure time @ 20°C [hours]	4-5
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	607

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 472 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 472 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 472 is best before 36 months after production date.

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. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

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