

PRODUCT INFORMATION



Valvoline Performance Products – Tectyl

Version: TE006/04

Tectyl™ 5502W

Premium water based, soft, waxy/oil, corrosion preventive compound.

Tectyl 5502W is designed to protect ferrous and non-ferrous parts for indoor or covered storage and during shipment.

Tectyl 5502W cures to a yellow-amber, transparent, soft greasy film.

Tectyl 5502W can be applied in most applications where Tectyl 502-C and derivatives are used.

Approvals/Performance levels

Tectyl 5502W

Accelerated Corrosion tests:
@ Average recommended DFT

Accelerated Corrosion tests:
Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS
(Cold rolled polished steel panels, according to SAE 1010)
10+ days

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH
(Cold rolled polished steel panels, according to SAE 1010)
30+ days

Estimated Protection Period

Indoor: 24 months

Application

We recommend for this product a low pressure air spray application or airless application with a small airless nozzle. Tectyl 5502W can also be applied in a dipping bath application.

Due to the low layer thickness requirement we advise to use a controlled flow application to ensure an optimal result regarding the film thickness and consumption in a continuous production process.

We can advise and support you to get the right equipment for the best result.

The advised system contains a SST airless pump with a ratio of 20:1 till 50:1 and a nozzle 209 or 211.

Tectyl Biocleaner can be used to remove Tectyl 5502W.

Features & Benefits

Superior Protection

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

Environment

Tectyl 5502W is a water based compound with low Volatile Organic Compound Content (VOC's).

Processing

Tectyl 5502W dries fast to soft greasy film.

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 5502W	
Appearance	Yellow amber
Flash Point, PMCC [°C]	> 100
Density @ 20°C [kg/ltr]	0,95
Recommended Dry Film Thickness over metal profile [microns]	50
Theoretical coverage @ recommended DFT [m ² /ltr]	11,5
Non Volatile [weight %]	32
Viscosity; DIN (53 211) Cup No. 4 @ 20°C (at time of manufacture) [sec]	20
pH	8,2
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	153

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

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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. Do not discharge into drains, soil or water.

Storage

Tectyl 5502W should be stored at temperatures between 10-35 °C. **DO NOT FREEZE Tectyl 5502W.** Due to its composition Tectyl 5502W can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 5502W is best before 24 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 – TE006/03

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