

# precote Top 300

## Technical Data Sheet



### Coating for Thread Forming Screws.

#### DESCRIPTION

precote Top 300 is a coating based on wax. It lowers the thread-forming values during assembly, prevents stick slip as well as galling and enables higher clamp loads with equal tightening torque. This dry-to-touch film lubricant can be used in a wide range of automotive, industrial and serial production applications, and is specially designed for use on self-tapping threads.



#### APPLICATION

precote Top 300 is specially developed for thread-forming screws. precote Top 300 is applied partially on the thread forming area. Depending on the thread size precote Top 300 is used in a dilution with a maximum of two parts of water.

#### PROPERTIES

- Reduces thread-forming values
- Avoids stick slip and galling
- Temporary corrosion protection
- Constant assembly properties
- Partial coating
- Meets VDA coefficient of friction requirements
- Can be applied to metallic and non-metallic surfaces
- Non-hazardous

#### MEETS AND EXCEEDS

- Daimler MS 9775
- Ford WSS-M21P27 A4 (XD)
- General Motors 9986167
- JLR STJLR.51.5392.A4 (XD)

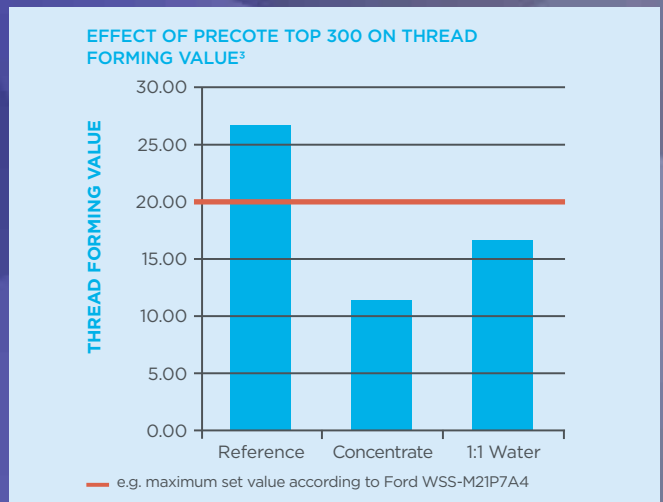
#### STORAGE

Shelf-life of coated parts four years at max. +30°C (+86°F) and max. 65% relative humidity. Please note the omniTECHNIK packaging information.

#### TECHNICAL DATA

Chemical Type	Wax
Colour***	Transparent / Yellow with UV-Marker
Thread Friction Value* $\mu$ Thread	0.09 - 0.15 Depending on Dilution
Std Patch Length	8-10 Threads
Thread Forming Value (DIN 7500 / DIN EN ISO 7085)**	<20 Nm

\*All values apply to screws M10 ISO 4017-8.8 plain finish and nuts M10 ISO 4032-10 plain finish.  
\*\*Thread-forming value applies to screws M10 zinc plated and blue passivated, nuts M10 DIN 928, all other thread sizes comply with DIN 7500 / DIN EN ISO 7085.  
\*\*\*This product information is also valid for special colours.



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