

NYTORQ preapplied thread lubricant

Description

NYTORQ is a film-forming synthetic wax lubricant to coat threaded parts. It is a physiologically harmless precoating to reduce friction and prevents cold welding and can be used in a wide variety of industrial and manufacturing applications. It is also specially designed for self-taping threads. The dried film is dry-to-touch.

Application

On threaded parts particularly self tapping screws. NYTORQ reduces the installation torque while thread forming action and the drive torque during assembly operations. NYTORQ prevents torque chattering and galling and enabled high clamp loads in a small deviation. A selective or a dip spinning application is possible. Depending on the requirement the neat NYTORQ can be diluted with water up to a ratio 1 part NYTORQ to 5 parts water. A special inhibitor avoids corrosion also on brass fittings while coating process and drying.

Properties

- Forms a dry-to-touch film.
- Selective and dip spin coating is possible.
- Is physiologically harmless in liquid and coated condition.
- Threaded parts can be preapplied long time before assembly (oT coating machine).
- Optimal friction values with low deviation.
- Avoids galling , torque chattering and cold welding
- Can be applied on all threaded materials - also on plastics.
- Outstanding reduction of thread forming torque.
- Meets and exceeds key industry specifications.(DIN ISO 7085)
- Released at Daimler Chrysler MS 9775; GM 9986167;
- Ford WSS-M21P27 A4

Technical data - NYTORQ

colour	milky-white (coloured by request) UV-marker
density	1,0
solvent	water
dilution	up to 1 : 5 (water)
upper service temperature	70 °C
melting point of the wax	125 °C
thread friction value μ_{thread}	0,06 – 0,15 depending on dilution and surface material
drive torque M10 (EN ISO 7085)	< 20 Nm
on part life	4 years at room temperature 27/65 DIN 50014

07/03

Guarantee: As we do not know the specimen, dimensions, materials, combinations, surface conditions etc. of the threads in question, it is absolutely essential to run quality tests prior to general use to make sure about the required performance under field conditions. Our guarantee is confined to supplying precote in proper quality. In view of the fact that processing of precote by the coating partner and the application of precote coated parts are beyond our knowledge and influence we cannot guarantee for the quality of parts coated with precote and assemblies made thereof. We accept liability for the fitness of our products for particular purposes and liability for particular qualities of our products only in the event that we have accepted such liability in writing in the individual case. In any event any justified warranty claims shall be limited to the delivery of replacement goods which are free from defect or, in the event that such subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular but without limitation any liability for consequential damage, shall be excluded.