

Dry Film Lubricant for Pitch and Yaw Gear Teeth



MOVING YOUR WORLD



CEPLATTYN 300 SPRAY Dry film lubricant for gear teeth flanks

Pitch and yaw bearings in wind turbines rotate by use of motors turning the bearing via gear teeth on the bearings. These teeth are subject to extremely high loads, vibrations and small frequent movements in the case of the active pitching systems. The combination of tough conditions and a typical relubrication cycle of 6 months creates an extreme tribological challenge.

Historically, greases containing a high level of solids, FUCHS products included, have been the solution to lubrication requirements. High loading and sliding at the gear teeth interface can be problematic as the grease can be squeezed out of the mating interface soon after relubrication and result in a potential for high amounts of wear on the gear teeth flanks. CEPLATTYN 300 Spray provides an innovative solution by becoming a solid film lubricant under the high loads that exist on the gear teeth flanks. Thus leaving behind a solid film barrier that provides longer lubrication and wear resistance in comparison to greases. The aerosol makes it easier and less messy to apply in comparison to the heavy greases.

Features and Benefits

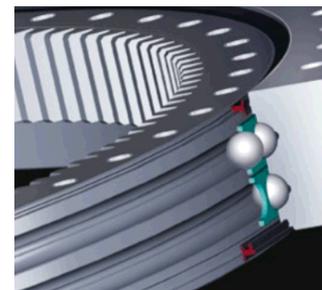
- Dry film coating will not be pushed out of the gear due to high pressure.
- Wide operating temperature range
- Excellent wear protection
- Water resistant
- Easily applied
- Cleaner application
- Excellent adhesion to clean surfaces
- Longer lubrication protection



Gear Toothing Grease



CEPLATTYN 300



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