



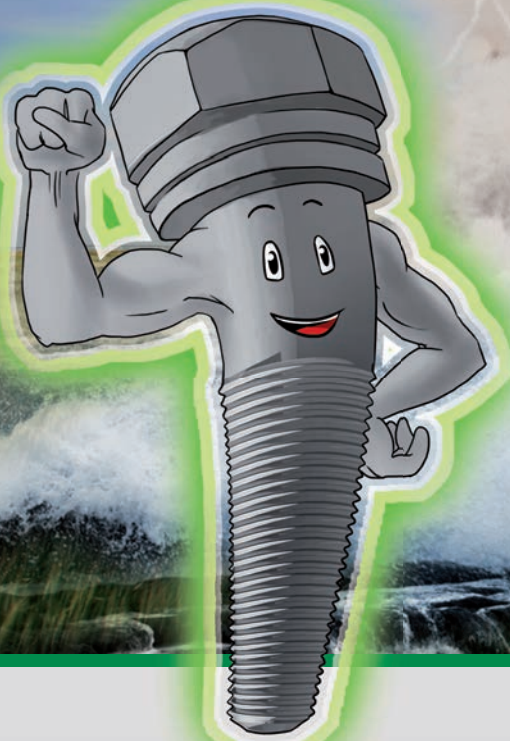
Long life protection system!

# THE CURE

## FOR CRITICAL FASTENER CORROSION

### THE OXIGARD COATING SYSTEM

In order to fulfill the special requirements of bolting assemblies inside the nacelle our anti-corrosion system has been developed to ensure reliable tensioning and high durability with a very thin and uniform coating that provides excellent impact resistance and high life time protection.



## Fitness for Fasteners

### HERE IS WHAT OXIGARD OFFERS:

- Long-life protection against corrosion
- Improved surface adhesion and durability
- Stable friction coefficients
- Easy assembly and disassembly



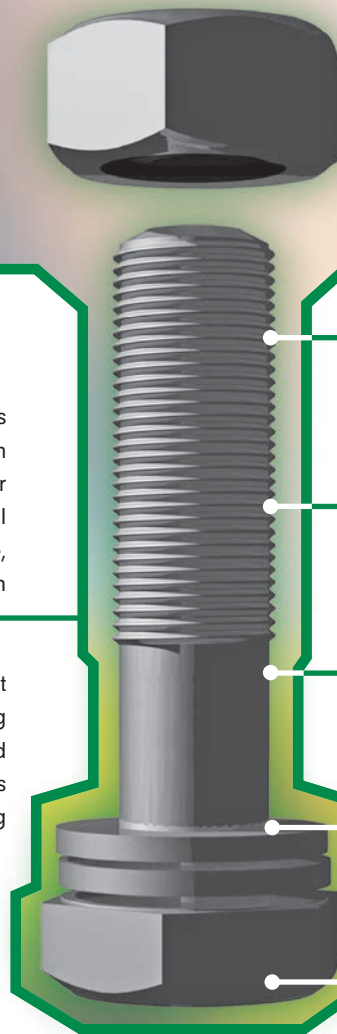
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# Long Life Protection System

## THE OXIGARD COATING SYSTEM

Sustainability and durability of wind turbines must be ensured for various climates. This puts high demands on a functional anti-corrosion system for bolting assemblies. In order to fulfill the special requirements of bolting assemblies inside the nacelle, our target was to develop a new anti-corrosion system with following properties:

Nearshore and offshore application put the highest demands on corrosion protection. Simply increasing coating thickness has proved to be inadequate and insufficient as it increases cost and assembly challenges and decreases the functionality of the fastening system.



MINIMUM LAYER THICKNESS

UNIFORMITY OF COATING ALONG THE ENTIRE PART

SUPERIOR CORROSION PROTECTION

EASY ASSEMBLY AND DISSASSEMBLY

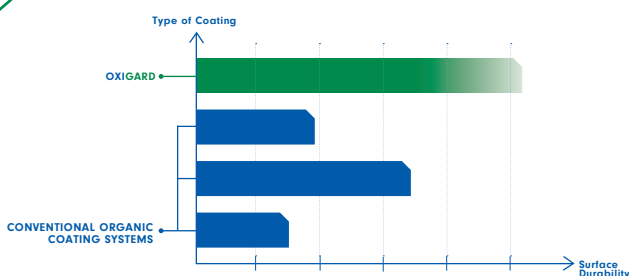
HIGH IMPACT RESISTANCE

## Energy Drink for Wind Energy

Artificial corrosion atmospheres such as the **salt spray test acc. to ISO 9227** are not truly representative of the long term corrosion conditions of coated bolts in shore exposure. That is why it was necessary to test the quality of anti-corrosion systems in real fastening situations in the extreme conditions of an offshore test bench. In a two-year testing of preloaded bolting assemblies exposed to offshore conditions our Oxigard Coating System has proved to be superior to comparable organic coating systems.



### Oxigard vs Other Coating Systems



### OXIGARD

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