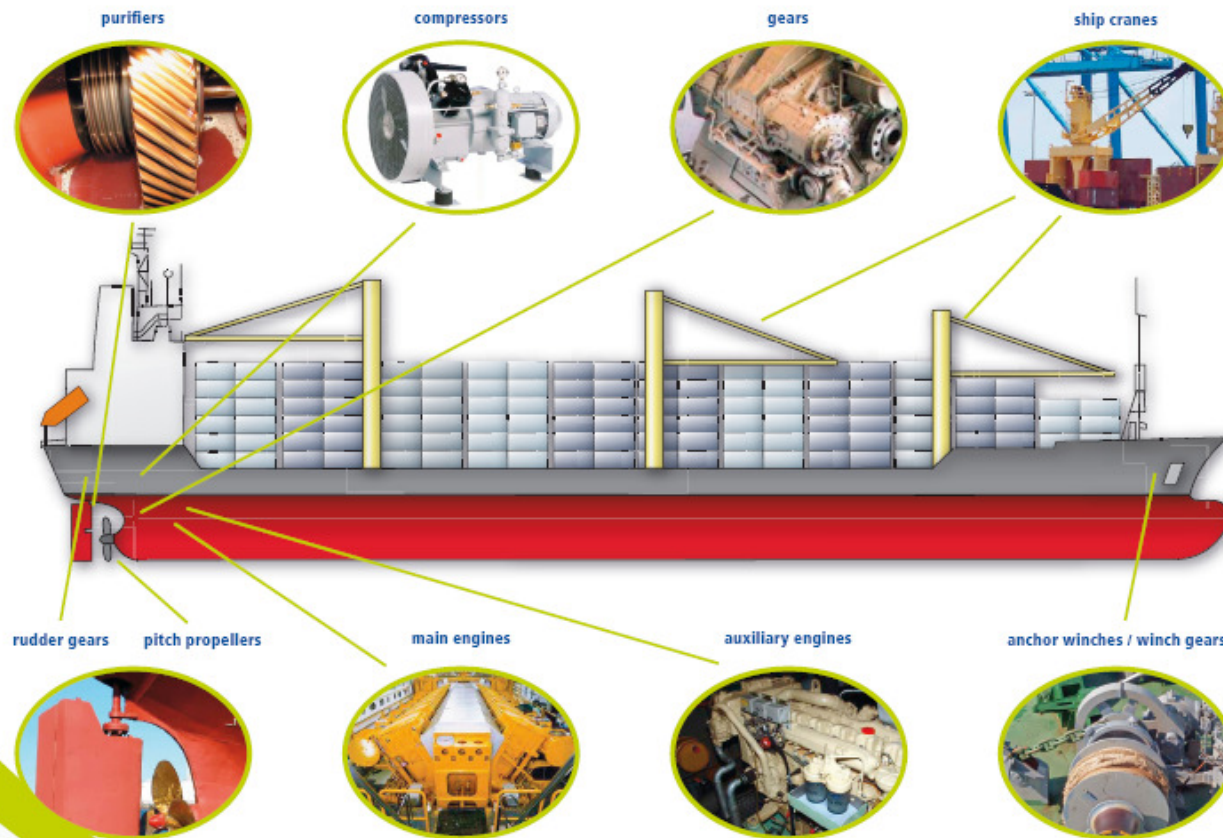


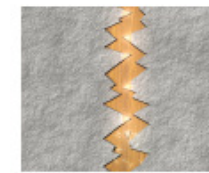
Reconditioning and permanent protection from wear

Whether ocean liners, inland vessels or smaller motor-boats: REWITEC nanotechnology increases lifetime, extends maintenance rates and reduces oil consumption due to the coating of metal grinding surfaces during operation. The new metal silicate layer improves tribological qualities and protects metal surfaces permanently from new wear. More operational reliability and economic efficiency for ship-owners and charters are long-term results! REWITEC offers as a service not only the application of the products, but also the preventive inspection and analysis of engine or gearbox!

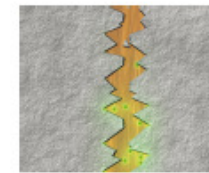
Application Fields of REWITEC Nanocoating



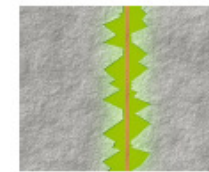
Coating process



Friction in engines and gearboxes generates high temperatures on surfaces that trigger the chemical bonding process of REWITEC.



The soft silicate-particles remove dirt from rubbing metal surfaces and react with the metal to form a smooth and protective layer on the surface.



The final result is a new and very smooth metal surface structure. These properties, in turn, give the machine more power, higher efficiency and longer life.



REWITEC
INNOVATIVE TECHNOLOGIES

Industrial Plants:

- various gears
- combustion engines
- compressors
- roller and slide bearings
- hydraulic systems
- presses and punches
- machine tools
- chain conveyors
- rack and pinions



Wind Power Plants:

- gears
- rollers and slide bearings

Marine:

- main engines (2-stroke, 4-stroke)
- auxiliary engines
- main gears, winding gears
- crane gears and rudder gears
- separators
- compressors
- roller and slide bearings



www.rewitec.com

MARINE NANOCOATING

Areas of Application of REWITEC Nanocoating:

Commercial Vehicles:

- diesel and gasoline engines
- gears
- axles and differentials
- shafts
- compressors
- roller and slide bearings



Railway Vehicles:

- diesel engines
- gears
- compressors
- roller and slide bearings



Automotive:

- diesel and gasoline engines
- gears
- rear axles



REWITEC
INNOVATIVE TECHNOLOGIEN

REWITEC GMBH

Dr.-Hans-Wilhelmi-Weg 1 • 35633 Lahnau • Germany
Tel. +49 6441 44599-0 • Fax. +49 6441 44599-25
info@rewitec.com • www.rewitec.com

A REWITEC-partner near you:



REWITEC
INNOVATIVE TECHNOLOGIEN