

BALINIT® coatings: Wear protection for your components

Landing Flaps

The save use of bolts is achieved by BALINIT® A coating which avoids fretting. For the same reason axles are coated with BALINIT® C.

Air Conditioning

Operation live of valve pistons and axles in air condition systems have extensively increased with the BALINIT® CNI coating.

Hydraulic Pump

In very compact hydraulic motors lubrication is difficult. Therefore frictional losses and adhesive wear occur. BALINIT® C cuts static friction by 40%.



Axles and Brakes

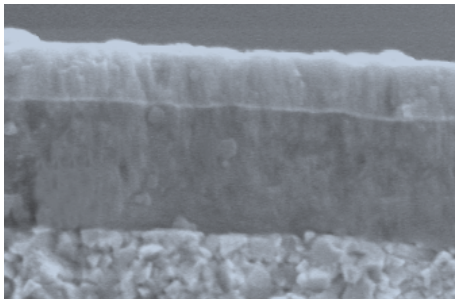
Rotor clips in braking systems are coated with BALINIT® HARDLUBE to protect them against surface fatigue.

Turbine

Turbine parts are coated with BALINIT® coatings for wear and corrosion protection in combination with a very low coefficient of friction.

Landing Gear

Titanium alloys are replacing steel in gears more and more. The low hardness and poor wear resistance of Ti-alloys can be overcome by using BALINIT® C.



BALINIT® coatings for increased performance

Oerlikon Balzers is the leading supplier for coating technology. With BALINIT® coatings wear and friction are reduced – BALINIT®-coated tools improve the productivity and the quality of metalworking. Component performance can be increased in vehicles, machines and appliances fulfil their functions more reliably and for a longer time.

Coating Equipment for state-of-the-art technology

Oerlikon Balzers is pushing the envelope in coating technology. Latest technology with modern coating equipment is the basis of the successful business of the company. With innovative technologies like P3e™ (Pulse Enhanced Electron Emission) and the coating equipment INNOVA, Oerlikon Balzers revolutionized the coating market and set the new standard in the industry.

World-wide network of coating centres – for you

Almost 90 coating centres in 31 countries ensure the same high quality standards all over the world. With the pick-up service we guarantee safe transport of the to be coated parts and can improve the cycle times. Oerlikon Balzers – always nearby.

Locations of Oerlikon Balzers

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Further coating centres:

Argentina, Brasil, Canada, China,
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Indonesia, Italy, Japan, Korea,
Liechtenstein, Mexico, Netherlands,
Nordic Countries, Poland, Portugal,
Romania, Spain, Switzerland, Thailand, Turkey

www.oerlikon.com/balzers