

Lofrix® Dry Lubricant

Lofrix® Dry is specially formulated for use in areas prone to running dry and where normal lubrication methods suffer from severe wash-out. Its high water repellence makes it ideal for use wherever wet conditions may be found. The durable finish protects against atmospheric humidity and corrosive environments.

Lofrix® Dry is the only product of its type to be approved by BAE Systems for use on the Typhoon Eurofighter. After five years of testing, Lofrix® Dry was selected for use in the extreme conditions encountered in this technologically advanced aircraft.

Treated surfaces have a very low friction coefficient making Lofrix® Dry the appropriate product for moving parts in mould tools, locks and machine slides.

The simple application and bonding process also makes it ideal for difficult tooling and engineering components.

Benefits

- Improves productivity
- Increases plant life
- Lowers energy consumption
- Lowers operating temperature
- Reduces vibration
- Reduces noise levels
- Reduces corrosion
- Reduces maintenance costs

Features

- Highly water repellent
- Low viscosity provides excellent penetrative qualities
- Cleans and lubricates
- Simplifies lubricant stocks
- Bonds to most metals
- Low hazard in use
- Contains no solid particles

Applications

- Locks
- Machine slides
- Mechanisms prone to running dry
- Releasing agent in plastic extrusion moulding
- Metal pressing

Industries using Lofrix® Dry

- Aerospace
- Plastic mouldings
- Metal pressing

Application

The surface temperature of the part needs to be heated above 55°C either in hot water or a suitable oven.

The part is then immersed in Lofrix® Dry, or it can be applied with a brush or cloth. If immersed, the part is removed from the fluid and the carrier is allowed to evaporate.

The part cools and is coated with the lubricant.



Reducing the carbon footprint of industry

