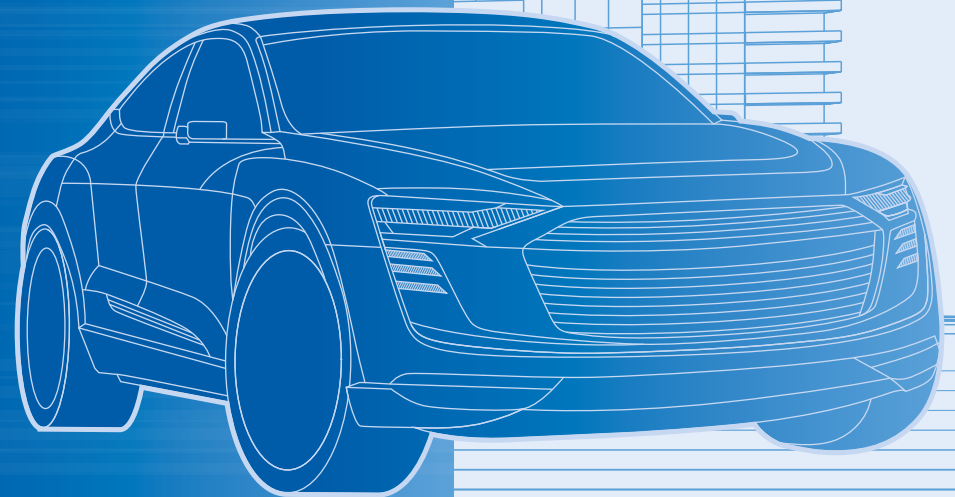


PRODUCT INNOVATIONS  
**IZB 2018**

H. COSTENOBLE GMBH & CO. KG

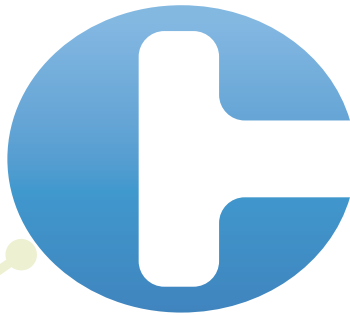
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## COMPANY

- Founded in 1952 as a DuPont® distributor
- Since 2006 Channelpartner of Dow Corning®
- Member of the DGE, Distributors Group Europe
- Based in Eschborn, subsidiaries in Poland & Hungary
- Production and storage sites in Bonn and Mainz
- About 30 employees in production, administration and sales



## INDUSTRY SEGMENTS

- Automotive Industry
- Engineering and Construction
- Aerospace Technology
- Food Industry
- Energy Generation
- Medical Technology
- Shipbuilding

## PRODUCTS

- Specialty Lubricants
- Industrial Lubricants
- Bio-Lubricants
- PTFE-Coatings
- Corrosion Inhibitors
- Functional Fluids
- Anti-Friction-Coatings
- Bonded Coatings and Release Agents
- Silicone Oils & Dispersions
- Colour and Effect Pigments
- Adhesives and Sealants
- Functional Additive and Fillers
- Maintenance and Care Products

## TRADEMARKS

**OSIXO**™

**Krytox**™

**DryFilm**™  
PTFE COATINGS

**M** MOLYKOTE

**XIAMETER**™  
silicones simplified by **DOW**

**DOWSIL**™  
silicones by **DOW**

Tecnite

**TraSys**®  
RELEASE AGENTS

**Tectyl**  
PROTECTIVE PRODUCTS

## TRADE PARTNERS

**DOW**

**Chemours**™

**Stoner**

**BIOBLEND**  
High Performance BioBased Lubricants

**DGE**

**Valvoline**



## OSIXO® ANTI-SQUEAK 32 Aerosol

**OSIXO® ANTI-SQUEAK 32 Aerosol** is a fluorinated oil with very good anti-adhesive properties and extraordinarily high stability. It creates a transparent coating on almost all surfaces and is distinguished by a particularly low friction coefficient. .

**OSIXO® ANTI-SQUEAK 32 Aerosol** sustainably removes disturbing noises where materials are connected and efficiently prevents the stick-slip effect.

- Chemically inert and resistant to aggressive chemicals
- Non-flammable and non-combustible
- Silicone-free, the activated sliding film does not migrate
- Colourless and odourless
- Precise and exact dosage

Advantages:

Operating  
Temperatures:

-60 °C to 154 °C

Applications:

- Door and window seals
- Seats and door panels
- Window trims and guides

## Molykote® G-9000

The **Molykote® G-9000** product series is based on a novel co-polymer with a lower specific density than conventional fluorinated lubricants have. As a result material consumption is reduced while the lubricating capacity remains the same.

**Molykote® G-9000** combines excellent temperature and oxidation resistance with strong wear protection and very high load capacity.

- Higher performance capacity in bearings running at high speed
- Low density makes for reduced lubricant requirement and ensures savings in operating costs
- The possibility to customize the product through various additives allows to provide customer-specific solutions

Advantages:

Operating  
Temperatures:

-35 °C to 220 °C

Applications:

- drive shaft
- ball bearing
- slide bearing



## Krytox™ AUT 2604

**Krytox™ AUT 2604** was especially designed to avoid disturbing noise in the vehicle interior and shows very low oil separation.

**Krytox™ AUT 2604** forms a thin, uniform and extremely stable film on the surfaces of the friction partners.

### Advantages:

- 50 % lower oil separation than conventional Krytox™ products (according to ASTM D6184)
- 20 % reduced low-temperature torque (according to ASTM D1478)
- Odourless, silicone-free and extremely low migration
- Very good sprayability and compatibility with common dosing systems
- Chemically inert, excellent compatibility with almost all common materials
- High lubricating film thickness through „PFPE-K-Molecular Chain“

### Operating Temperatures:

-51 °C to 180 °C

### Applications:

- Sliding roof guides
- Actuators
- Linear guidance systems

## DryFilm™ AS/AS-T

**Chemours™ DryFilm™ AS** and **AS-T** are innovative transparent PTFE-coatings. These chemically inert coatings are compatible with almost all common materials applied in automotive manufacturing.

Thanks to **Chemours™ DryFilm™ AS** and **AS-T** it is possible to coat optically sensitive areas in the vehicle interior without any negative effects on the treated material.

### Advantages:

- Very good anti-adhesive properties
- Dry coating, remains free from dust and dirt
- Efficient elimination of stick-slip-effect and squeaking noises
- No specific curing or application requirements
- Water-based, solvent-free
- Silicone-free, the lubricant film does not migrate
- Very stable and durable

### Operating Temperatures:

-60 °C to 200 °C

### Applications:

- Door and window seals
- Fittings and coverings
- Door handle and operating elements