



INSULATION PADS

Bilz insulation pads, the well-established economic solution for vibration and structure-borne noise insulation in many industries.

Contents on this page:

- [↓ Insulation pads](#)
- [↓ Anti-slip pads](#)
- [↓ Insulation pad sets](#)
- [↓ General information](#)

Select the right insulation pad!

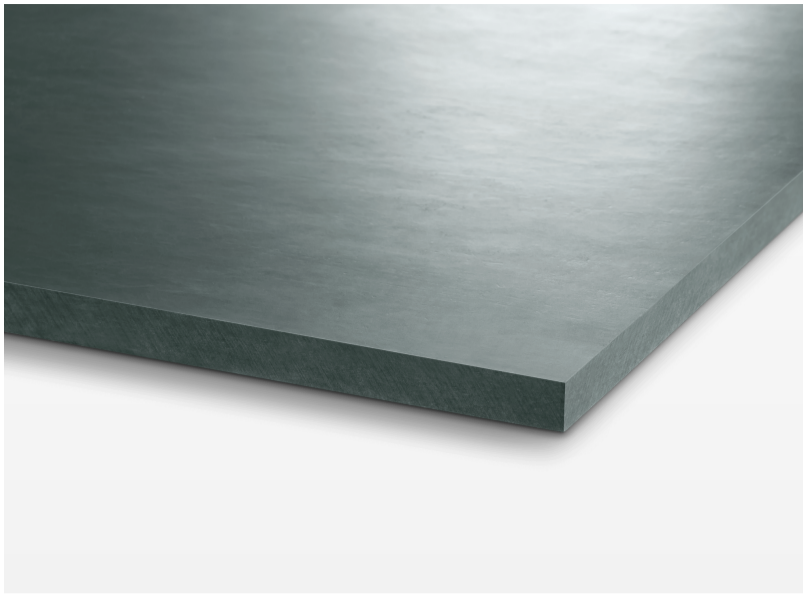
→ [Select pad type](#)



SIMPLY PUT

Bilz insulation pads, the well-established economic solution for vibration and structure-borne noise insulation in many industries.

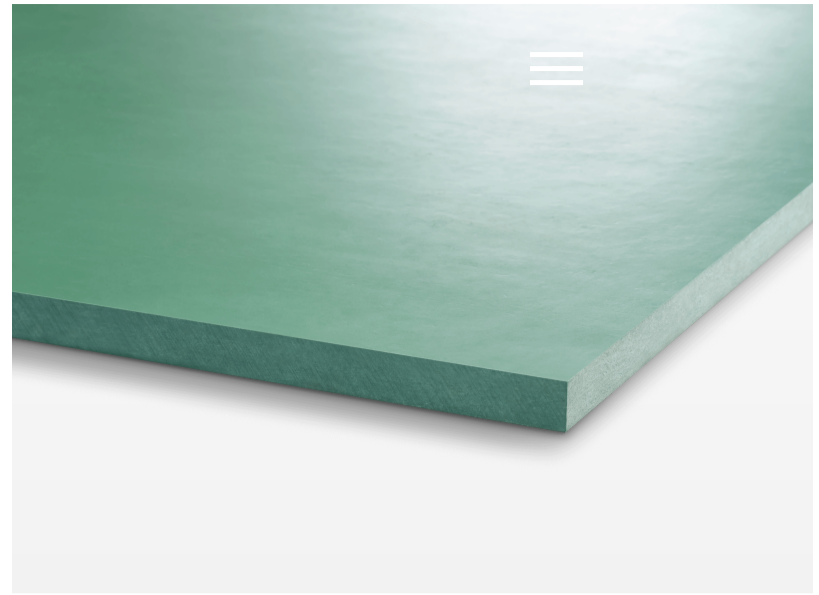
- **Effective structure-borne noise insulation**
- **Ageing resistance**
Virtually unlimited service life with adherence to load values. High degree of levelling constancy.
- **Temperature resistance**
-20° C to +80° C
- **Chemical resistance**
Excellent resistance to most commercially available coolants and lubricants, fuels and cleaning agents.
- **Vibration damping properties**
Very high degree of vibration damping of up to 30%.



PAD TYPE B6

Extremely heavy-duty insulating pad with highest level consistency. For very heavy and long-bed machines.

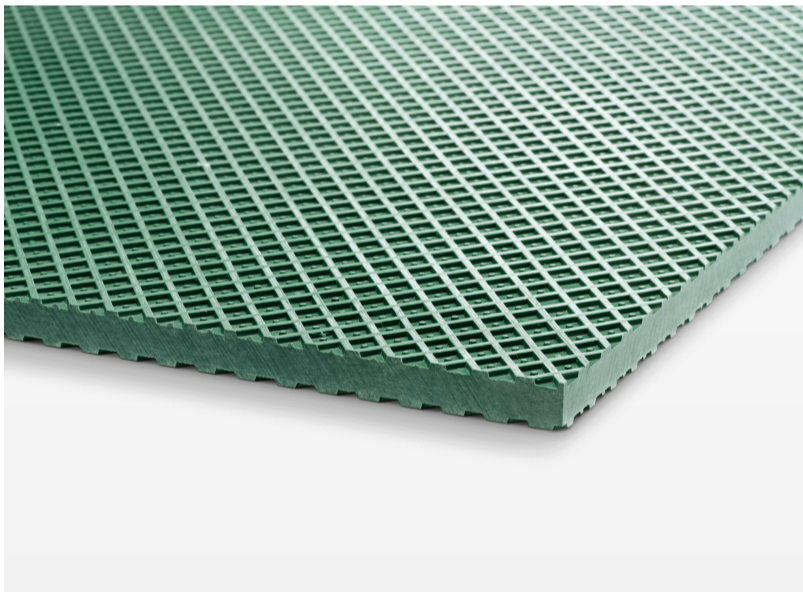
[Learn more →](#)



PAD TYPE B0

Insulation pad with high level consistency, specifically for machines with low intrinsic rigidity such as machining centres, lathes and grinding machines, etc.

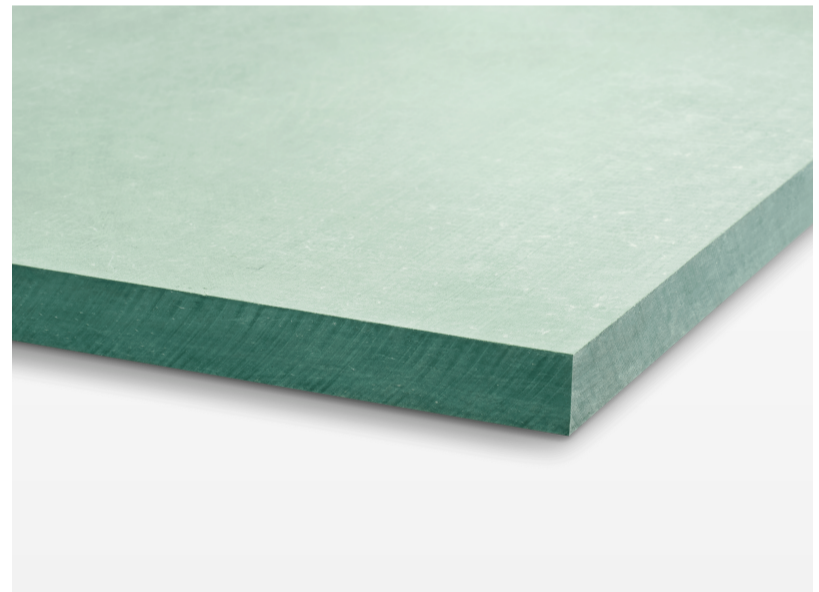
[Learn more →](#)



PAD TYPE B4

Universally applicable insulation pad variant for machine tools, plastic and printing machines. Very well suited for machines that tend to "wander".

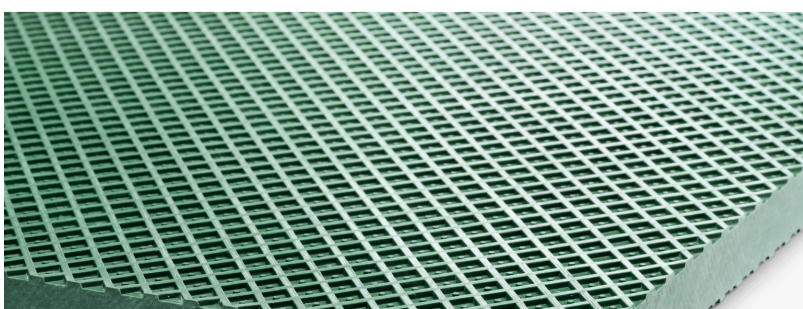
[Learn more →](#)

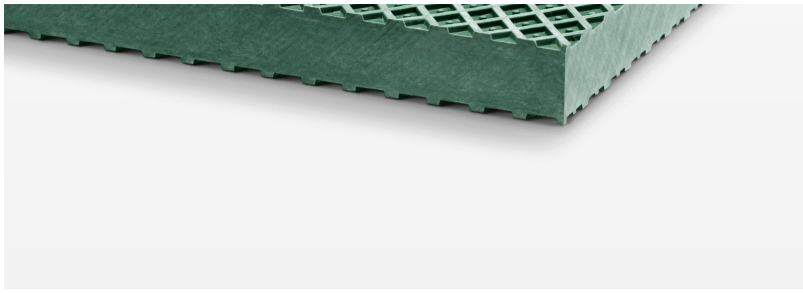


PAD TYPE B50

Insulation pad for machines having high machine dynamics and only a small contact surface, e.g. presses, punches, shears etc.

[Learn more →](#)

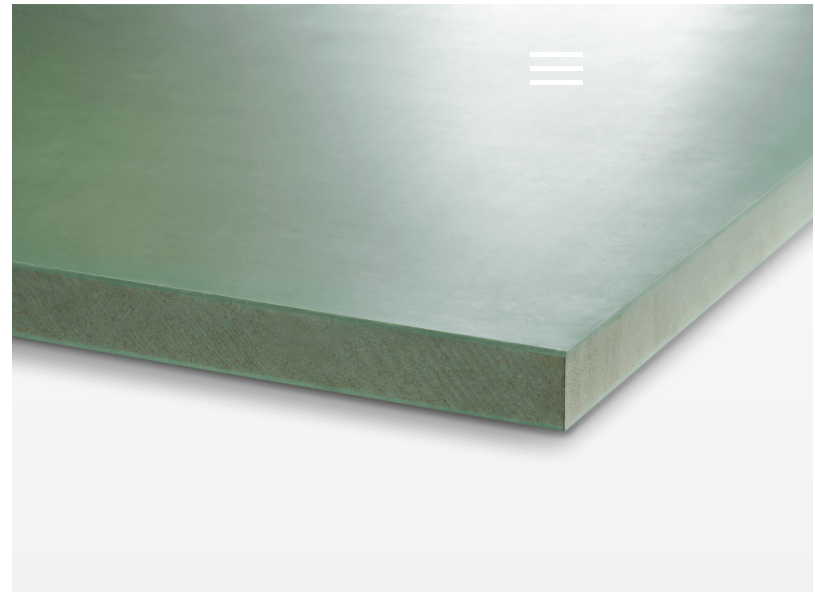




PAD TYPE B5

Profiled insulation pad to compensate for uneven floors. Designed specifically for machines with only a small contact surface and high dynamics, e.g. presses, punches, shears etc.

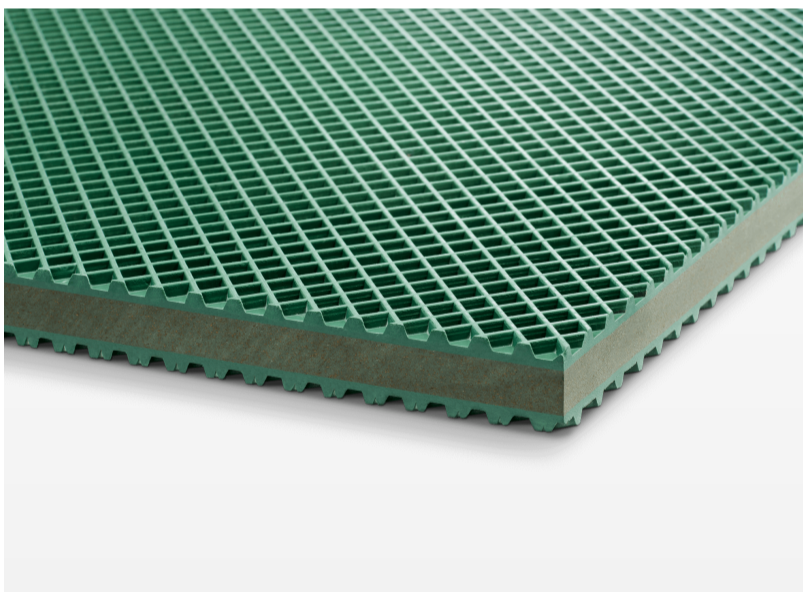
[Learn more →](#)



PAD TYPE B32

Soft insulation pad without profile with excellent insulation effect, designed specifically for machines with low dynamics such as medium presses, punches etc.

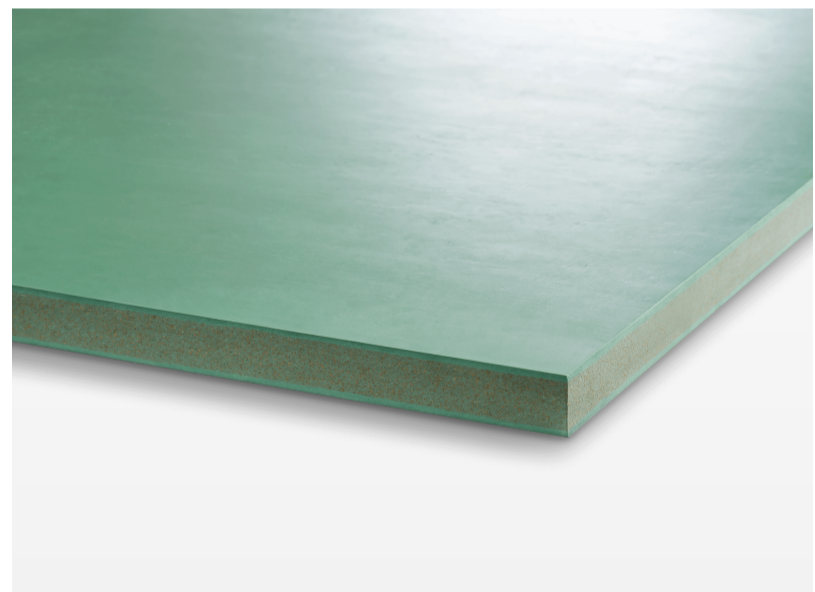
[Learn more →](#)



PAD TYPE B32W

Very soft insulation pad with profile and very high insulation effect. Suitable for machines with low dynamics.

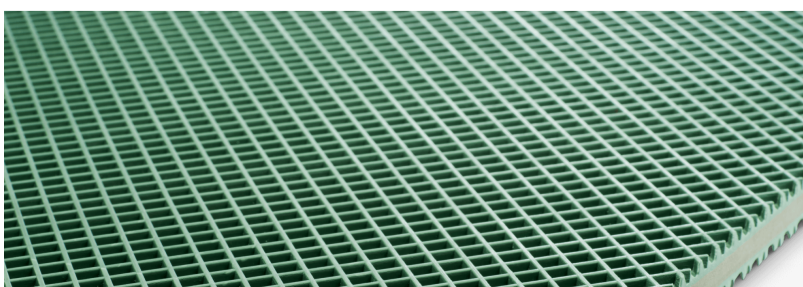
[Learn more →](#)

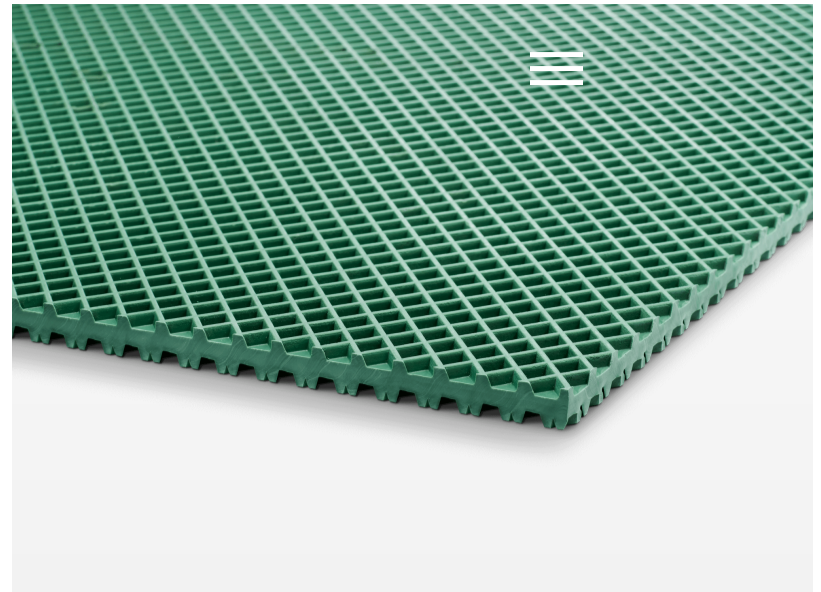
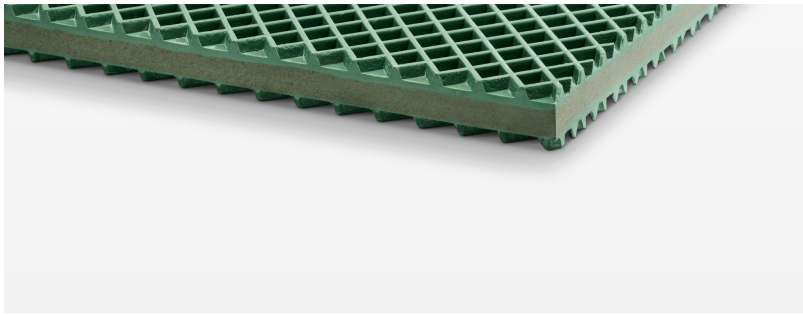


PAD TYPE B30

Soft insulation pad without profile, designed specifically for effective insulation when installed on upper floors.

[Learn more →](#)





PAD TYPE B30W

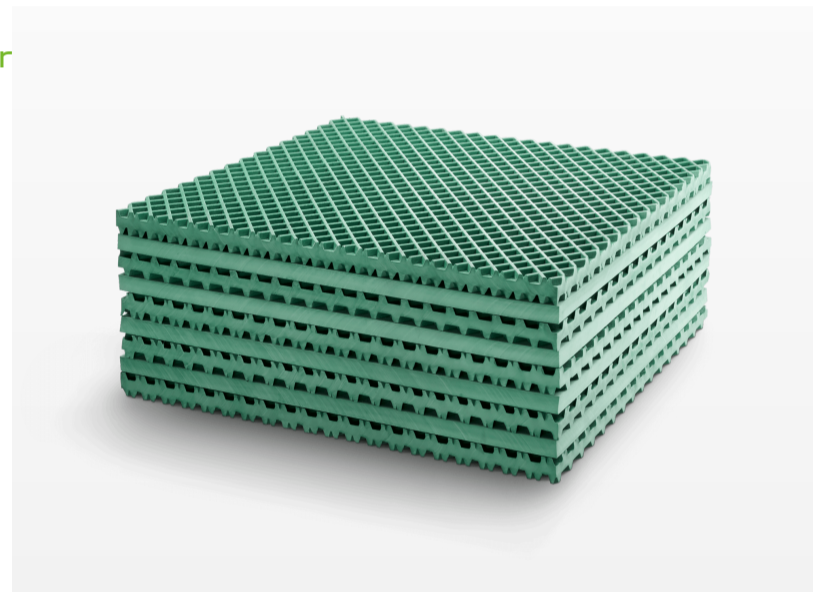
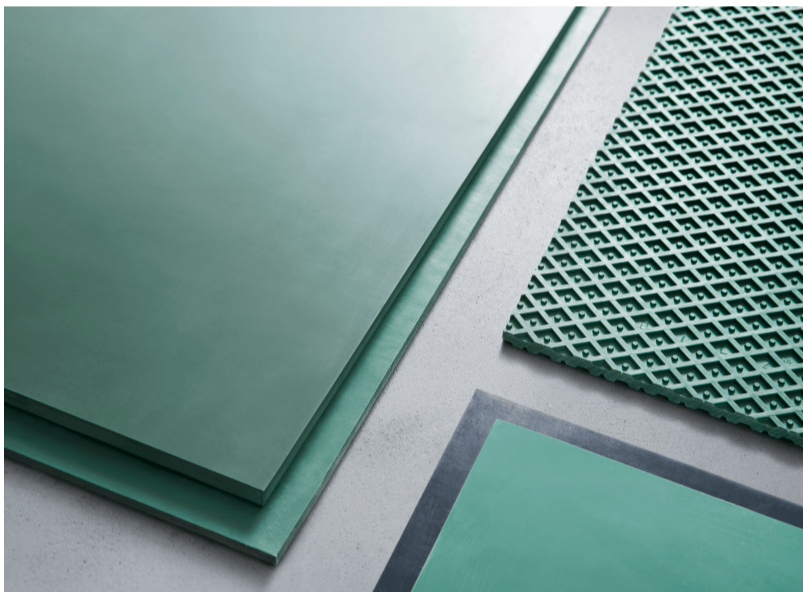
Very soft insulation pad for static applications providing optimum insulation through low frequency matching, such as for measuring and inspection machines, scales, microscopes.

[Learn more →](#)

PAD TYPE B13W

Special insulation pad for the highest insulation values, can be stacked up to 6 times, perfectly suitable as a pad set for foundation insulation.

[Learn more →](#)



ANTISLIP PADS BS1, BS, BN, BR7, B8

Bilz anti-slip pads and distance pads, for mechanical levelling and anti-slip. Not to be used for vibration isolation.

[Learn more →](#)

INSULATION PAD SETS

Layering of 2-6 insulation pads for effective insulation of large highly dynamic machines and sprung foundations.

[Learn more →](#)

INSULATION PADS

GENERAL INFORMATION

Manufactured from a **precisely defined combination of nitrile rubber and cork particles**, embedded in a **composite of cotton fibres**, the physical and mechanical properties of this high-quality composite material satisfy all of the current requirements for various industrial applications, depending the type of pad.

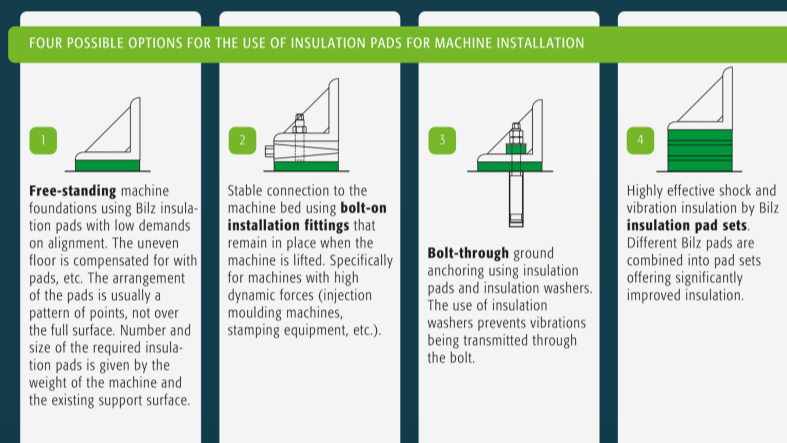
Very good damping properties ensure optimum deflection and level consistency both under static and under dynamic loading.



- Bilz insulation pads can be cut to size with any circular or band saw.
- We are happy to supply special sizes on request.
- The specified maximum load is composed of the static and dynamic loading of the machine.
- The optimum insulation effect is achieved at approx. 80-90 % of the specified maximum load.
- Selected insulation pads can also be supplied with a profile on one side (description e.g. B4-1).
- The specified coefficient of friction refers to standard industrial screed.
- Cutting tolerance is according to DIN 7715/T5, class P3.
- W: waffle structure designs for compensation of uneven floors (B32W, B30W, B13W)

Right to make technical changes is reserved.

The insulation pads are also available as **pad sets**, e. g. for the insulation of foundations.



Schematic representation of the application of insulation pads and pad sets

BILZ INSULATION PADS ARE RESISTANT TO THE FOLLOWING SUBSTANCES:

- **Lubricants**
Greases for plain and roller bearings, gear greases
- **Synthetic Lubricants**
Polyalkylene, carboxylic acid esters, antifreeze
- **Combustibles and fuels**
Petrol, diesel fuel, heating oil, aviation fuel, special fuels
- **Fire-resistant hydraulic fluids**
Oil-in-water emulsions, water-in-oil emulsions, aqueous polymer solutions
- **Mineral oils**
Common water-miscible cooling lubricants, ATF (Automatic Transmission Fluid), cooling lubricants, water-miscible anti corrosive oils, slideway oils, compressed air oils, lubricating oils, heat transfer oils, filter oils, rolling oils, automotive gear oils, brake fluids based on mineral oil
- **Cleaning Agents**
Hydro-chlorofluorocarbons, benzene, cold cleaner
- **Cleaning Agents (Aqueous solutions)**
Washing and cleaning agents, wetting agents, dilute acids, dilute alkalis, salt solutions

We find solutions

Be it automotive, plant engineering or nanotechnology – we find a solution for every industry or any customer requirement.

→ Discover solutions