

Quality in Coolants

PETROLINE

Metalworking fluids, coolants & equipment

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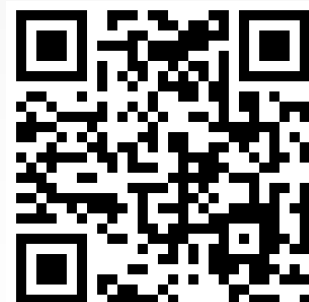
Welcome to the world of lubricants and cleaners!

Petroline supplies high quality lubricants and technical cleaning agents. We have a reputation in quality, ecology and innovation in all areas of tribology. Become acquainted with our different applications of lubricants and tribological applications on the following topics. Discover how the high quality, high-tech products are developed since 90 years and how the development process is done by our research team. We like to demonstrate how interesting, challenging and indispensable good lubrication is.



Swiss technology:

- Metalworking fluids
- Cutting oils
- Slideway oils
- Hydraulic oils
- Biobalanced metalworking fluids
- Grinding oils
- Lubricants
- Cleansers
- Maintenance Equipment
- Testing Equipment



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PetroFill: Fully automatic emulsion filling system

Many production companies are unaware of the time wasted through the manual topping up of machine reservoirs.

The PetroFill system uses a PLC to monitor the level in the machine tank, to avoid production loss. Tanks are topped up frequently, which translates into more useful operational hours and long runs without interruptions. An ideal solution for unmanned operations.



Filtration systems: Extend the life of your coolant lubricant!

Our products help you to take care of your liquids. Whether water, emulsion or oil, they ensure a long service life for your media. Large filter systems that supply entire machine halls. Medium-sized filter systems that service machine groups. Single-filter systems dedicated to one machine. Continuous filter belts, pumps, skimmers etc.

Metalworking fluids: Experience-based knowledge!

Our specialists are emulsion coaches and can improve your production processes. Selection of coolants is extremely important to maximise profit and reduce costs. Additional equipment can be proposed to maintain product quality and extend tool-life: tramp-oil removal, mixing devices etc.



Filtration fleeces: Excellent filtration!

We supply a wide range of filtration fleeces, which are used for various applications in the metalworking industry. We cover all machining operations, such as turning, milling, grinding, drilling and cleaning, regardless of oil or emulsions used as coolant, lubricant or cleanser. The standard width sizes start 0,5 m until 1,5 m, but due to our special slicers we can manufacture any width required in between.



Mechanical and electrostatic air purification devices: over 20 years of experience!

Our air cleaning units and systems distinguish themselves by their high efficiency. They can be combined with recirculation and exhaust air systems as well as heat recovery systems.

The air cleaning units and purification systems for emulsion and oil mist combine high efficiency with environmental friendliness, sustainability and maintenance.



Riveting Technology for joining parts: Inventors of BK Taumel riveting

Bodmer Küssnacht AG introduced worldwide a completely new riveting technology with the development of the Taumel process in the sixties.

Today Bodmer is able to offer the most modern two and three dimensional riveting and cold forming processes. Virtually all cold forming operations can be carried out on standard machines by equipping them with multiple riveting heads of light and heavy duty design.

The Bodmer BK cold forming machines, units and spindles can be used for the handling of miniature components made of fragile materials and even bolts up to 50 mm diameter.