

POLO Filter-Technik ensures process efficiency and sustainability

Customer-specific solutions for the proactive cleaning and care of cooling lubricants and other fluid media

POLO Filter-Technik Bremen GmbH is an international supplier of filters and filter systems for industrial fluids such as cooling lubricants, suds, degreasers and quenching liquids or also lacquer effluents. In addition to single components and auxiliary filter materials, the broad and comprehensive portfolio of the company founded in 1949 also includes compact and central filter systems as one-stop solutions including complete peripherals. Suction belt filters, belt filters, magnetic filters, oil skimmers and surface skimmers form a proven product range with various model series, suitable for a wide variety of applications and throughputs. Thanks to numerous POLO representatives at home and abroad, the filter systems are available worldwide. Customer demand for quality assurance is met by certification according to DIN EN ISO 9001 and as a specialist company.



Proven filter technology-
developed and made in
Germany

Filter systems for
single machines, machine
groups and supplying entire
machine shops

A comprehensive range
of services for all product
segments





The engineering expertise of the company is another benefit. Decades of experience with filter systems and all types of industrial fluids allow the team to offer customer-specific consulting services and to develop tailor-made solutions, consistently based on the respective needs and process requirements. The company has its own laboratory for the analysis of filter requirements. The know-how of the filter specialists ensures that the filter system is neither too large nor too small, but corresponds to the individual performance profile. This too is an important aspect for greater efficiency and cost effectiveness.

Applications focus on the metal processing industry. In-process filtering of cooling lubricants such as oils, water, emulsions and other fluid media with POLO Filter-Technik is a proactive process element here. Continuous cleaning and care significantly increases the lifespan of the fluids, tools and pumps. Wear and the risk of unwanted machine downtime are significantly reduced. Operating costs are lowered. Clean cooling lubricants also ensure high-quality surfaces on the work piece being processed, along with optimised meeting of tolerances. This results in outstanding quality and lower scrap rates.

Better for people and the environment

Process efficiency is complemented by sustainability – a crucial aspect in times of stricter environmental standards. Clean fluids reduce the possibility of skin irritation among operating personnel. Unpleasant odours due to contaminated fluids are prevented at the outset. Extending the life of fluids is also good for the environment since the disposal intervals are increased accordingly. POLO Filter-Technik is therefore a convincing solution from an ecological perspective as well.

Flexible also in service

The offering is complemented by an extensive range of services, including the installation and maintenance of the components. Original replacement parts are available, even for filters that are 30 years old. Woven filter media are on hand in a large warehouse and delivered just-in-time – even for third-party systems. A sample folder with all available types of woven filter media as well as test sample rolls of the chosen material can be requested free of charge. The ability to test the company's filters and skimmers also ensures a high level of investment security.

On the bottom line, the performance of POLO Filter-Technik meets all requirements for the cleaning and care of cooling lubricants and other fluid media – economically and ecologically. Many years of experience, a diverse product range, individual consulting and tailor-made service consistently result in the desired process security.



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