

Blaser.
SWISSLUBE

When the coolant becomes a Liquid Tool.



Water-miscible coolants



liquidtool[®]
BOOSTS YOUR PRODUCTIVITY

Dear machining experts,

You know best why cutting and grinding fluids are so important for your production, and what you expect of them.

We have always strived for optimal machining solutions that also take care of humans and the environment. We set the highest standards for the quality of our products, the skills of our employees, and the dependability of our services. Our range of product lines takes full account of all machining demands and situations.

And with our products we also commit ourselves to more than just a coolant. You get far greater benefit overall – higher productivity, better economic efficiency, and perfect machining quality. That is how the Blaser liquidtool® helps our customers optimise their machining.



Martin Manikowski Ph.D.
Head of Research and Development
Blaser Swisslube AG



Drilling and boring



Tapping and thread-cutting



Reaming



Turning



Milling



Sawing



Broaching



Grinding

To recommend the best product for you, we need to know your application and what you expect of your metalworking fluid. Contact us, and our specialists will advise you gladly.

Excellent human and environmental compatibility

Optimal cooling and lubrication

Optimal grinding and cutting performance

Long-lasting for minimal consumption

Blasocut

Metalworking fluid with the unique bio-concept

- Bactericide-free: no effect on skin or environment
- Proven additives for optimal performance
- Finest state-of-the-art oil emulsification in water
- Universal applications for machining practically all materials in all kinds of climate

Blasocut metalworking fluids are well proven for over 40 years thanks to our unique bio-concept: bactericide- and boron-free among other advantages. Our bio-concept products are outstandingly compatible both for humans and the environment. Their sophisticated formulation promotes a naturally robust microbiological equilibrium that ensures long emulsion life.



Optimal machine compatibility

Optimal separation of tramp oil

Long-term stability and resistance

Highly efficient rinsing and cleaning

Vasco

Mineral oil free metalworking fluid based on ester oil

- Outstanding performance thanks to natural polarity of the oil molecules
- Compact lubricant film ensures resistance to high pressures and temperatures
- Ideal for tough high-tensile steels and titanium
- From renewable raw material sources

B-Cool

Mineral oil based metalworking fluid incorporating modern additive technology

- Resistant to microorganism growth
- Ideal for filling central systems

Synergy/Grindex

Synthetic and full-synthetic metalworking fluids

- Mineral oil-free
- HP and HSC stability (Synergy)
- Non-foaming in soft and hard water (Synergy)
- Keeps grind-wheels sharp (Grindex)

The right coolant,

– From situational analysis to value proposition

Each customer's situation is unique. We carefully note and analyse your situation as a solid basis for working out the best solution together, so that you get far more return on your investment.

correctly used and monitored,

– Planning and changeover

We are with you right from the beginning to help you use our products optimally. We analyse your process water, show you how to mix and use the emulsion properly, and help you with correct waste disposal.

– Monitoring

Our in-house and field specialists and an assorted range of accessories make sure that the cutting or grinding fluid in use really meets all your needs. And they eliminate any possible problems before they start.

– On-the-spot customer service

Thanks to our global network of specialists, someone near you will help you use our products optimally and professionally and in trouble shooting problems.

– Practical training

We support you with professional training courses in the optimal use of our products. This gives you the know-how you need to get the best out of your metalworking fluid.

makes it a Liquid Tool:

liquidtool[®]
BOOSTS YOUR PRODUCTIVITY

All the tests we do in our technology centre show how the Liquid Tool makes you more competitive by improving productivity, economic efficiency and machining quality.

– Better machining results

Consistently high workpiece surface quality means less reworking and fewer rejects – all the better with long cycle times and series production.

– Lower tooling costs

Much longer tool life, thanks to much less wear.

– Better return on investment

Thanks to optimal machine utilisation with greater availability and less downtime.

– Higher metal removal rates and maximum dependability

Faster tool feed and cutting rates, higher speeds and durably stable machining.

– Machine compatibility

Thanks to high-grade raw materials and extensive compatibility tests with key ingredients.

– Lower consumption

Thanks to good rinsing behaviour, far less metalworking fluid is lost with the chips and much less topping-up is required.

– Lower cleaning and disposal costs

The long life of our products minimises outlay for machine cleaning and refilling as well as for waste fluid disposal.

– Human and environmental compatibility

We have always been committed to optimal compatibility for users, maximum workplace safety, and conservation of the environment.



Certified to ISO 9001/14001/21469 OHSAS 18001

From coolant to Liquid Tool

Ever since our company founding in 1936 we have focused not only on market needs, but also on optimal product compatibility with humans and the environment. Our products are backed by state-of-the-art R&D and a technology centre focusing on the latest developments in this field. Our specialists support customers with know-how and expertise to get the best out of their machines and tools, thereby optimising their economic efficiency, productivity and machining quality. We take an overall view of your machining processes to make our metalworking fluids a key success factor – a Liquid Tool.

Blaser Swisslube AG
Winterseistrasse 22
CH-3415 Hasle-Rüegsau
T +41 (0) 34 460 01 01
F +41 (0) 34 460 01 00
contact@blaser.com

www.blaser.com

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