

Blaser.
SWISSLUBE

When the coolant becomes a Liquid Tool.



Cutting oils / grinding oils



liquidtool[®]
BOOSTS YOUR PRODUCTIVITY

Dear machining experts,

As metalworking oil users, you know best what your production process depends on and what to expect from cutting and grinding oils.

Our grinding oils

The best grinding oil has perfectly balanced lubricating and self-sharpening characteristics. Our products meet this requirement thanks to high quality base oils and sophisticated additives, and your grinding process benefits accordingly. Our grinding oils enable the higher feed rates you need for greater productivity.



Rico Pollak
Key Account Manager Grinding
Blaser Swisslube AG

Our cutting oils

By taking account of temperature and pressure development at the cutting edge according to material, our products assure you of optimally cost-effective production. Our cutting oils also make all the difference in terms of your productivity and workpiece quality as well. Our specialists will help you examine your production process for improvement potential and make the most of it. We look forward to working with you.



Daniel Schär
Product Line Manager Metalworking Fluids
Blaser Swisslube AG



Drilling and boring



Deep hole drilling



Tapping and thread-cutting



Reaming



Turning



Milling



Gear cutting



Broaching and slotting



Grinding and honing

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

Our product lines

Low misting

High flashpoint

Excellent machine compatibility

Excellent human compatibility

Grinding

MINERAL OIL BASED GRINDING OILS

Blasogrind

We offer three Blasogrind product lines, each with a different base oil: **Blasogrind** (mineral oil), **Blasogrind HC** (hydrocrack quality), and **Blasogrind PAO** (polyalphaolefin). Within each of these lines we offer different formulations to suit your application requirements.

Good compatibility with non-ferrous metals

High level of anti-wear protection

Low drag-out rate

Cutting

MINERAL OIL BASED CUTTING OILS

Blasomill

Our Blasomill products come in five different categories: **Blasomill**, **Blasomill CSF**, **Blasomill DM**, **Blasomill HD** and **Blasomill HD CF**. The products are available with or without sulphur or chlorine according to HP and wear-protection requirements. All Blasomill products are mineral oil based.



Optimal grinding performance



High flashpoint

Minimal vaporisation and misting

Excellent skin compatibility

ESTER OIL BASED CUTTING OILS

Vascomill

We offer four Vascomill product categories: **Vascomill**, **Vascomill CSF**, **Vascomill DM** and **Vascomill HD**. The products are available with or without sulphur or chlorine according to HP and wear-protection requirements. All Vascomill products are ester oil based and feature low smoke emission for severe operations such as gear cutting.

For minimal quantity lubrication applications, we have different types of Vascomill products. They are suited for through-tool and external applications. They are specially designed for high cutting performance, cleanliness and leaving workpieces free from residues after machining.

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 greater return on your investment.

correctly used and monitored,

– Planning and changeover

We are with you right from the beginning to help with cutting or grinding oil procurement, system evacuation, cleaning and refilling.

– Monitoring

Our in-house and field specialists and an assorted range of accessories make sure that the metalworking oil 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 oil.

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 machine-compatible additives.

– Lower consumption

Thanks to good rinsing behaviour as well as low evaporation and misting, far less metalworking oil is lost 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 optimizing 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

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