



Our commitment



TOOLING & MACHINERY, INC.

COMPLETE METALWORKING SOLUTIONS

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ISO Certified

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liquidtool[®]
BOOSTS YOUR PRODUCTIVITY

The Blaser Liquid Tool – more than just a coolant.

Productivity, economic efficiency and machining quality are factors that critically depend on the choice and the quality of the metalworking fluid.

With us as partner you will get the Liquid Tool: the right coolant for your application, correctly used and monitored with on-site support by our specialists. With all these benefits, you can get the best out of your machines and tools for sustainably improving your production process.

We back up this promise with more than four decades of machining industry experience, superlative products and dependability, our uniquely dedicated R&D and our technology centre with state-of-the-art CNC machines.

Give us a try! We look forward to showing you what you can achieve with the right coolant as a Liquid Tool.



Marc Blaser
CEO Blaser Swisslube AG

The right coolant,

correctly used and monitored,



Step towards the right coolant:

Your on-site situation

Through meticulous analysis we get to know all about your production process and metalworking fluid requirements.

Our holistic approach to your production process: a solid foundation for successful teamwork.

Our value proposition

Based on your situational analysis, we put together an optimally customised proposition from our range of water-miscible coolants, cutting and grinding oils.

A custom-tailored package of products and services.

Photo: Technology centre at the Blaser Swisslube headquarters, with the latest 5-axis CNC machines including vertical machining centre, turning and milling centre, grinding machine and state-of-the-art CAD/CAM systems.

makes it a Liquid Tool.

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Our teamwork with you

The mutual goals are defined and you accept our proposition. Depending on the situation, our cooperation results in a product recommendation, in a test or in extended trials.

By working together, we reach the targets.

Your benefit

You and our experts make detailed records of your process parameters and measure results against your specific targets.

Sustainably improved economic efficiency and machining quality plus greater productivity – thanks to the right coolant.

The right coolant,

correctly used and monitored,



How we assure you optimal use of our products:

Planning and changeover

We analyse your process water, test your metalworking fluids and oils for human and machine compatibility, show you how to properly mix and store the emulsion and dispose of waste fluid, how to clean your machines and systems. We also offer you mixing and measuring equipment if necessary.

Added value through optimal start-up conditions.

Monitoring

We draw up monitoring schedules, support you with know-how on correct handling of auxiliaries, help you keep test measurement records, analyse your metalworking fluid during operation, and take any corrective measures necessary.

Added value through high-tech analysis in our customer service laboratory.

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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.

Added value through optimised and stabilised production processes.

Training and know-how transfer

We train your operators in the correct use of our metalworking fluids, help you comply with legal requirements, answer your questions on safety data and laboratory analyses, and help you identify production process improvement potential.

Added value through know-how and do-how.

The right coolant,

correctly used and monitored,

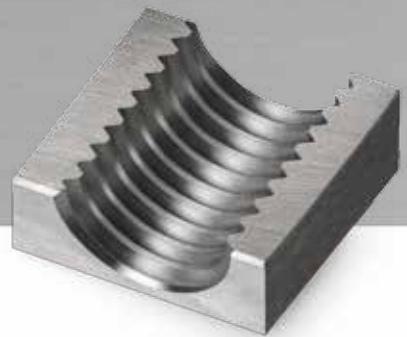
Added value through the Liquid Tool:

1. Machining quality

■ Conventional coolant



■ The Blaser Liquid Tool



First-class machining results

- Higher surface quality
- Consistently high workpiece quality
- Minimal reworking time
- Minimal rejects

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2. Economic efficiency

■ Conventional coolant



■ The Blaser Liquid Tool



Lower production costs

- Longer tool life
- Lower tool wear
- Lower tooling costs
- Greater machine availability

The right coolant,

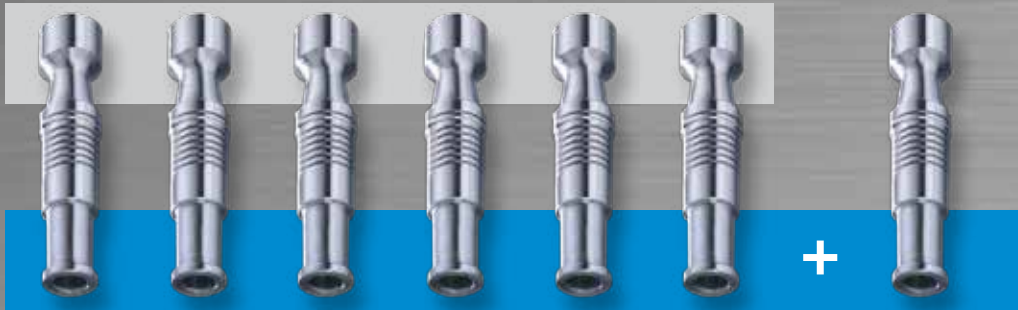
correctly used and monitored,

Added value through Liquid Tool:

3. Productivity

■ Conventional coolant

■ The Blaser Liquid Tool



More parts production per unit time.

Higher metal removal rates

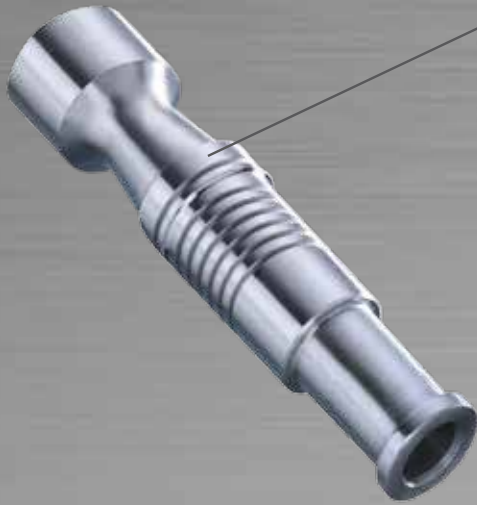
- Lower cycle times, processing and lead times
- Better return on machinery investment
- Optimal process dependability and stability

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The coolant.



The lowest cost with the biggest effect:

Coolant costs

Coolant costs only 0.5% but affects up to 95% of the production cost per workpiece.

Blaser Swisslube high-performance metalworking fluids increase your productivity while improving economic efficiency and machining quality.

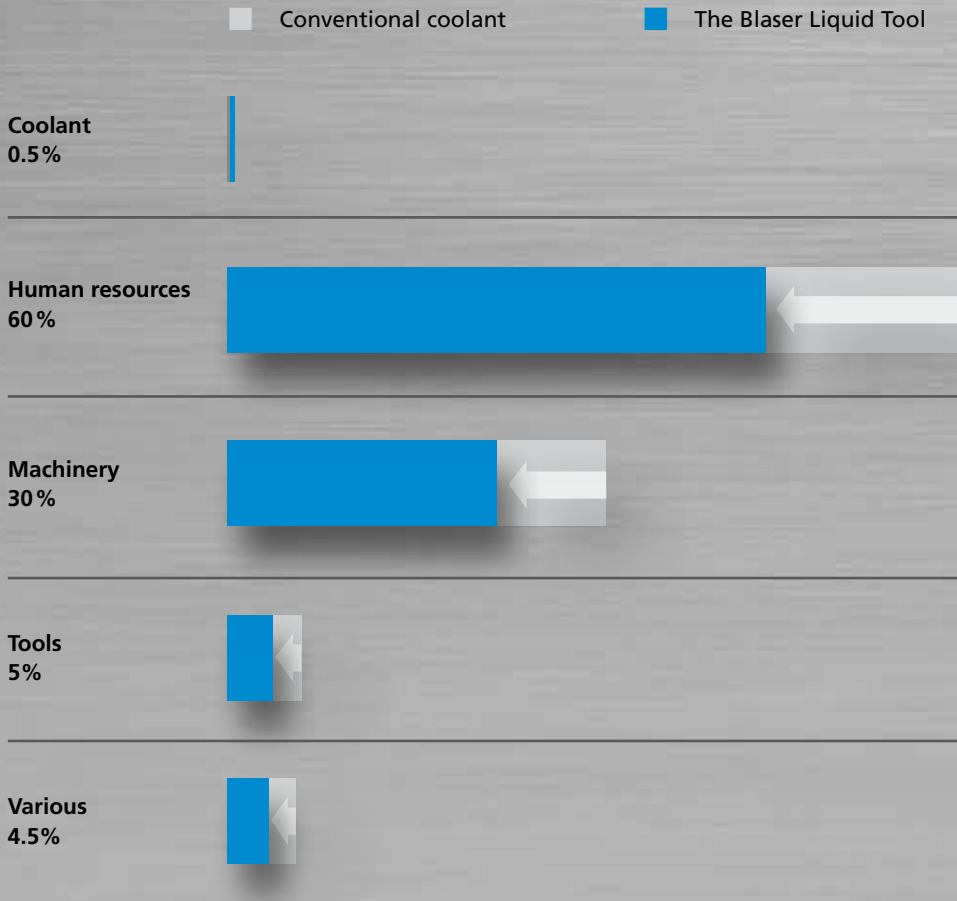
Labour cost savings

Our user-friendly metalworking fluids are optimally skin-compatible and meet the highest demands on workplace safety.

More and better finished parts thanks to healthy motivated employees, and fewer metalworking fluid related outages.

* These figures are based on survey results in France.

Average production costs per workpiece*



Machine cost savings

Our user-friendly metalworking fluids are optimally compatible with machinery, tools and workpieces.

Greater output thanks to better machine compatibility and less downtime.

Productivity

A 5% improvement in cycle time thanks to the right metalworking fluid saves here 4.5% of labour and machine costs.

A light change of the metalworking fluid cost can leverage substantial labour and machine cost savings.

Your Partner.



Swiss know-how

Our customers not only need the right metal-working fluid, but also a dependably competent provider who helps them optimise their production processes. We aspire to be that partner.

For more than 75 years we have stood not only for the highest quality and dependability, but also for products that take care of people and the environment.

Near you wherever you are – worldwide

We market our products in the world's 60 largest industrialised countries. Wherever our customers may be, we give them on-the-spot support backed by our 550 employees, 4 production plants, 15 subsidiaries and 46 national representatives.

We make sure that our products are always available and you always get our on-the-spot support.



Research and development

Our products are backed by R&D specialists and a customer service with state-of-the-art laboratory analysis facilities.

One of the Blaser laboratory innovations is DNA analysis – a unique development that enables metalworking fluid bacteria analysis within only a few hours.

More than 70 Blaser Swisslube specialists are continuously researching even better solutions.

Technology centre

On the latest machines our products under development are rigorously tested here to make sure that our metalworking fluids are fully mature for the market.

Project teamwork with our customers and industrial partners gives us valuable findings for future developments.



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