

# STRUB + CO AG

## Discover the World of Strub Lube

Since 1921, the name Strub has stood for quality, ecology and innovation in all areas of tribology. The basis of our success has been the principle of making use of our 90 years of tradition and experience in implementing innovative ideas. We aim to achieve high performance, reliability and environmentally-friendly solutions for our clients worldwide.

Our traditional family-owned company of Strub + Co. AG in the heart of Switzerland is an independent manufacturer of lubricants and technical cleaning agents. We have some 150 employees working in our business worldwide. Having branch offices and representatives in over 60 countries guarantees close proximity to our clients and the ability to react promptly to their specific needs.



### Analysis

In order to guarantee the optimum performance and functionality of your lubricants, we analyse them on your behalf. The products are tested with the most modern laboratory equipment as to their chemical and physical properties.



### Service

Our chemists and field-technicians stand ready to support you at all times. As your system supplier, we are close at hand and offer you our comprehensive customer support in respect of any questions or challenges you may face surrounding the topic of lubrication.



### Tailor-Made Products

In the event that you are unable to find the optimum product for your application in our list of over 1,600 lubricant specialities, we shall develop a tailor-made product for you.



## GtL cutting and grinding oils



Based on Gas-to-Liquid technology

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Representative:





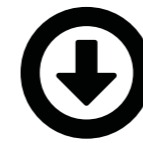
## High-performance cutting and grinding oils based on GtL technology

**STRUB Vulcan Futura CF GtL Series 10, 15, 22, 32**  
**STRUB Vulcan Grind CF GtL Series 5, 7, 10**

The cutting oil and grinding oils are based on the fully synthetic, ultrapure base oils of the Gas to Liquid (GtL) technology. The GtL are synthesized from natural gas. Due to the high purity base and the synergistic additive combination the products are characterized by best performance. Low evaporation and a high flash point create a safe and pleasant workplace. The product series is suitable for most machining processes, but especially for difficult operations such as grinding, deep hole drilling, broaching and honing.



Gas-to-Liquid  
**GtL-Technology**



### GtL-advantages

- **Very low evaporation**  
Low vapour formation in the machine room and excellent health and environmental profile
- **Very good washing behaviour**  
No deposits in the machine room and on the tools
- **High flash point**  
Safety and maximum speed for difficult operations in production
- **Extremely oxidation stable**  
Extended service life even with increased workload
- **Odourless**  
Formulation based on ultrapure oils
- **Excellent air separation capacity**  
No foam at high pressure and high speed machining
- **Increased tool life**  
Highest economic efficiency
- **Excellent workpiece surfaces**  
High dimensional accuracy
- **Low change in pressure-viscosity behaviour**  
Optimized and constant production as well as also reduction of the energy consumption of the pumps

