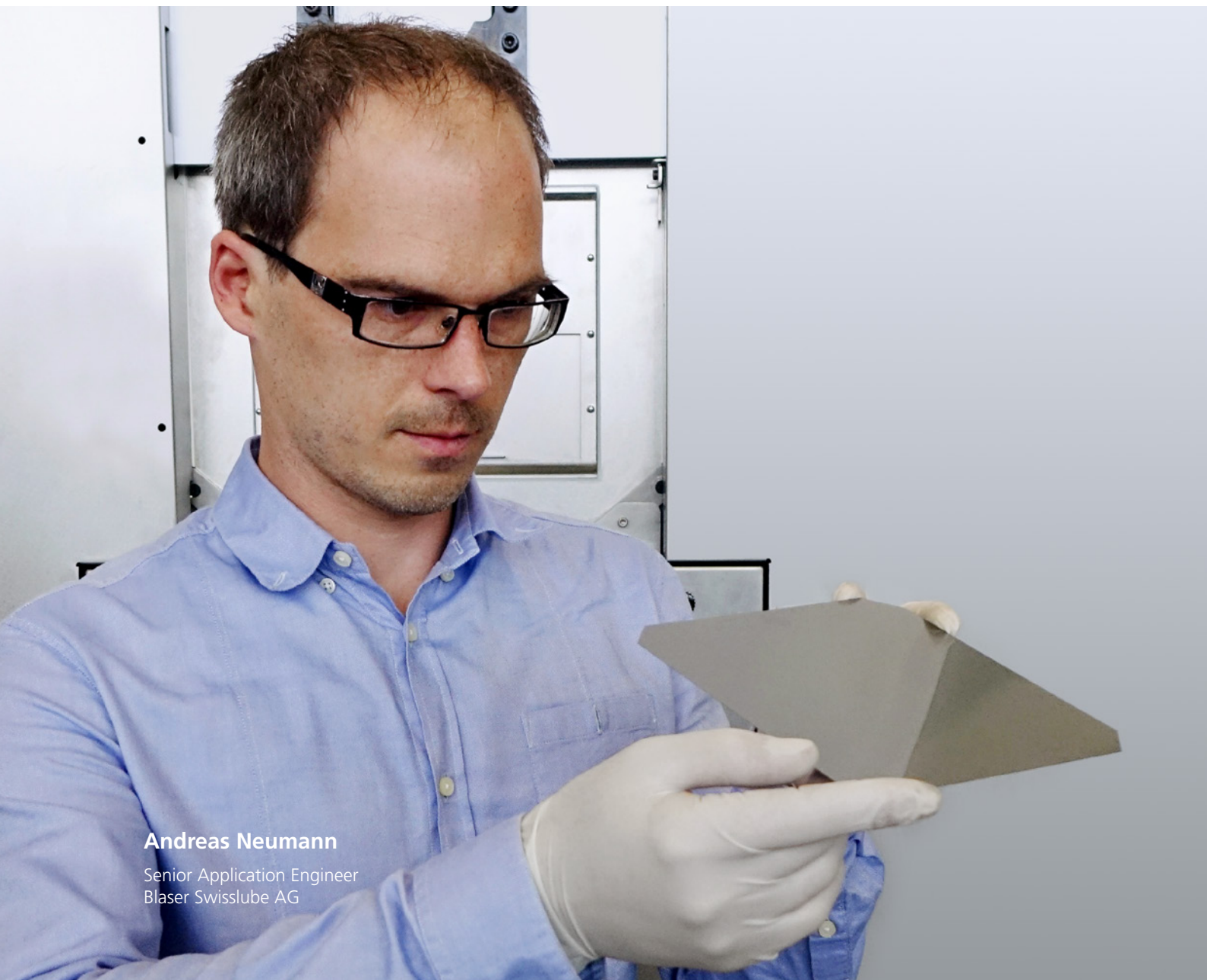


# “ Profit from our knowledge and experience. ”

Stable processes. Higher quality. Lower costs.



**Andreas Neumann**

Senior Application Engineer  
Blaser Swisslube AG

## Comprehensive analysis and optimization of your processes.

Did you know that the cutting fluid typically contributes only around 5% of your manufacturing costs, but can positively influence 95% of these costs?

With our profound know-how and experience, we help you optimize your entire production process from diamond wire cutting to wafer cleaning to filtration and waste water treatment. Fully exploit the potential of your machines and tools and turn your cutting fluid into a key success factor – a Liquid Tool.



### Minimized costs

- Minimal rejects
- Savings on diamond wires, manpower, machine downtime, cleaning chemicals and waste water treatment
- Choice between low concentration fluids and standard concentration fluids with recycling system

### Maximized output

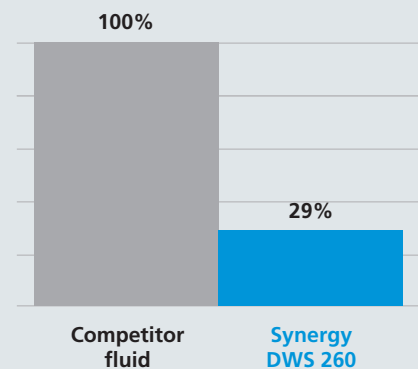
- Increased yield
- High feed speed, cutting performance and machine uptime
- High wire performance due to superior cleaning and rinsing behaviour of the coolant

### For all process types

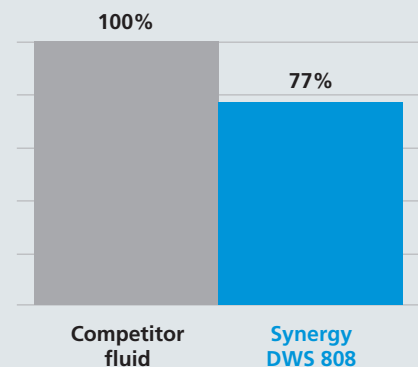
- For ultra-thin, electroplated and resin-bonded wire
- For multi and mono silicon
- For individually filled machines (batch) and central supply systems
- Recycling with various technologies (from filter press to advanced filtration solutions)

### Optimized cost of ownership

Cost per wafer



High concentration fluids using recycling systems



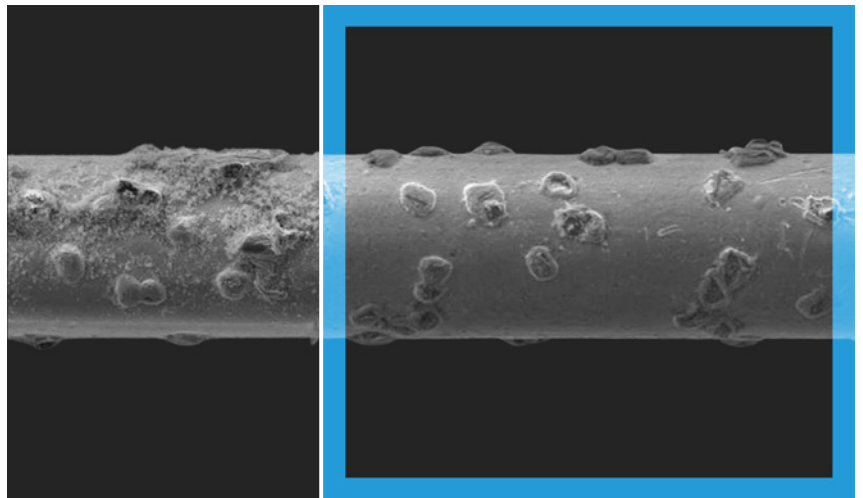
Low concentration fluids in batch mode

### High cutting performance

- Superior cleaning of the diamond wire
- Low carry-over of silicon residues

Conventional cutting fluid

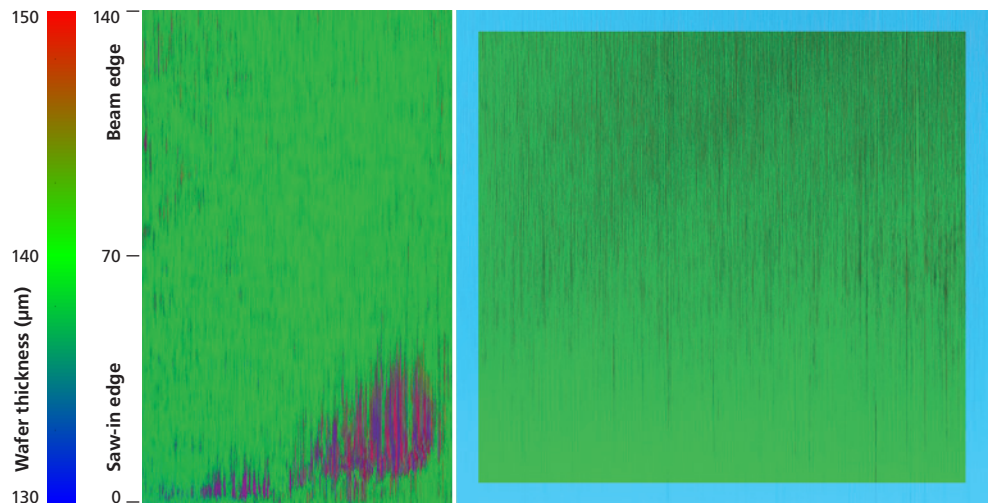
Blaser cutting fluid



SEM picture of 60 µm wires

### Excellent cutting quality

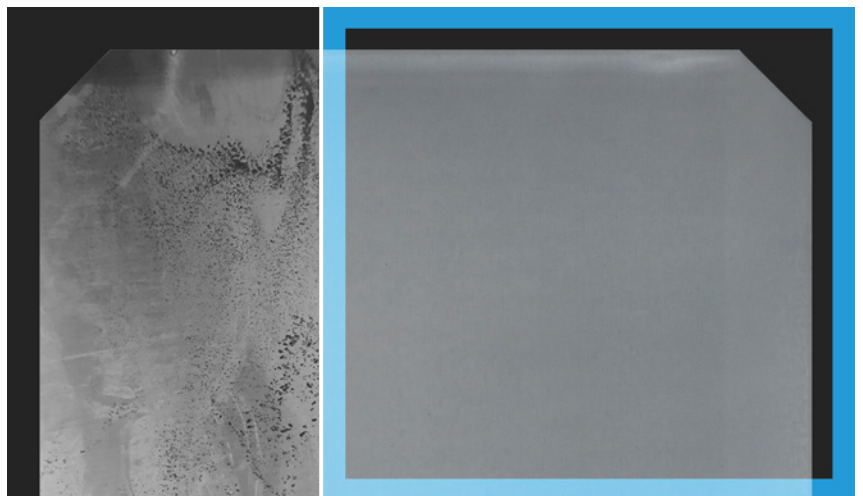
- Low TTV/saw marks and chipping
- High surface and edge quality
- Minimal rejects



Wafer thickness plots

### Easy-to-clean wafers

- Excellent rinsing behaviour
- Minimized cleaning required



Wafer cleanliness before pre-cleaning

# Focus on human and environmental well-being.

Since 1936

Headquarters in Switzerland



## Bio-degradable cutting fluids

The unique combination of our chemical and biological expertise ensures bio-degradable cutting fluids for good human and skin compatibility and low disposal costs.

## Safe logistics

We can guarantee your required stock levels thanks to our local warehouse and support you with your forecast and onsite inventory management.



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