



BECHEM Avantin 433 –
water-miscible cooling lubricant
for cast iron and steel machining



BECHEM
LUBRICATION
TECHNOLOGY

BECHEM Avantin 433 loves the challenge

The water-miscible cooling lubricants from the BECHEM Avantin series are convincing in challenging machining processes where chips fly. At the same time, they ensure efficient dissipation of process heat from the machining zone. They also ensure clean machines that are protected against corrosion. Particularly in complex processes, such as deep drilling in high-strength materials or the demanding conditions of machining cast iron, they meet the highest requirements in terms of performance, stability and service life – for consistently optimum results.

The BECHEM Avantin series is the result of continuous research and development and complies with all strict European directives.

In close cooperation with users, the high-performance cooling lubricant BECHEM Avantin 433 was specifically designed for the machining of cast iron and steel in order to make production processes more efficient and economical.

The semi-synthetic formulation has excellent flushing properties, reliable corrosion protection and high emulsion stability. In addition, BECHEM Avantin 433 offers a clean working environment and skin-friendly properties – all decisive advantages, especially for the demanding machining of cast iron and steel.

BECHEM Avantin 433 is integrated into the BECHEM system solution

Everything from a single source: BECHEM lubricants ensure maximum efficiency and performance throughout the entire process chain. Products have been developed for all process steps, including machining, parts cleaning and corrosion protection.



Applications

- Grinding
- Turning
- Drilling
- Milling

Materials

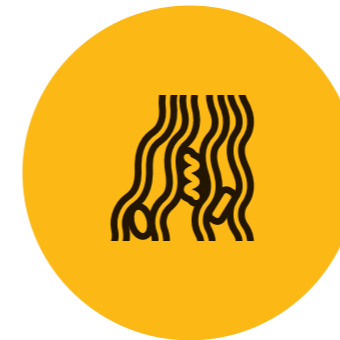
- Cast iron
- Light to medium alloyed steel

Properties

- Excellent corrosion protection
- Excellent dirt carrying capacity
- Very low refill concentration
- High emulsion stability even in hard water
- Very stable pH value
- Extreme biostability
- Good filterability
- Very good rinsing behavior
- Low foaming
- Boric acid-free
- FAD-free



Cast iron and steel



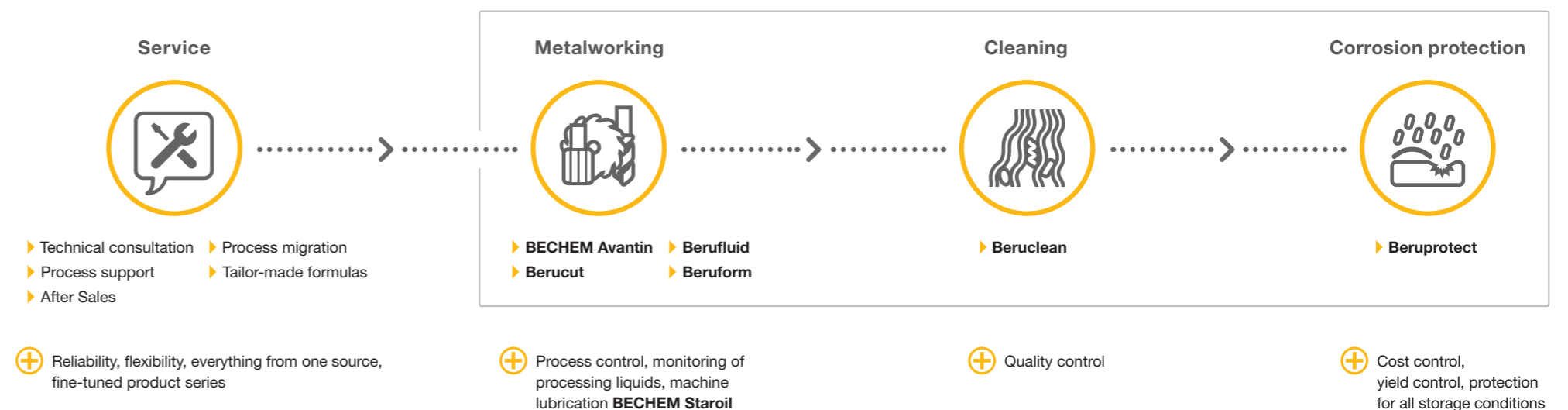
Very good rinsing behavior



Excellent corrosion protection



Extreme pH and biostability



BECHEM Avantin 433

More information
about the product



LUBRICATION SOLUTIONS FOR INDUSTRY

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