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Blaser Swissslube
www.blaser.com
 Hall 3A, Booth A118

Collaboration Equals Innovation

For Laubscher Präzision AG, Blaser Swissslube reproduced and optimized the entire production process, reducing cycle time by over 16% and extending tool life by 15%.



Source: Blaser Swissslube AG

Challenge:
 Laubscher Präzision AG was seeking ways for optimizing its production process.

Solution:
 Blaser Swissslube's cutting oil, Blasomill GT 22, with its transparency, low foam and reduced oil mist, reduced the cycle time by more than 16% and increased tool life by about 15%.

In order to produce precision-turned parts, Laubscher Präzision AG has multiple Pfiffner rotary transfer machines in use. "We wanted to take a look at the entire process with our coolant partner, Blaser Swissslube, to have a more productive process," says Mirko Laubscher of Laubscher AG. An improvement of the soft factors, such as low foam, transparency of the cutting oil and reduction of the oil mist was equally important to Laubscher.

Throughout the entire test phase in the Blaser Swissslube technology center, tools and coolants were tested and process steps were analyzed and optimized. "We took our time to test each parameter individually. Furthermore we replaced a universal cutting oil with a transparent, latest-generation, high-performance cutting oil," ex-

plains Simon Sakica, Application Engineer at Blaser Swissslube.

Achieved optimization

The 1.5 years invested in research were well spent. The cycle time dropped by more than 16%. The optimization of the production process saved the client two stations. And tool life increased about 15% thanks to the adapted choice of tools. "Extremely satisfying project results through and through, fulfilling our every expectation. We're excited about implementing the changes in our production," says Mirko Laubscher of Laubscher AG.

"Blaser Swissslube's cutting oil, Blasomill GT 22, has convinced everyone with its transparency, low foam and reduced oil mist. It's an ideal solution for Laubscher's needs," Sakica adds.