


## Customer and situation

Machine	<b>Doosan Puma 600</b>
Material	<b>Inconel</b>
Product	<b>Water-miscible coolant</b>
Operations	 <b>Turning</b>

This customer from the Aerospace sector is interested in a cooperation with Blaser Swisslube, because he wants to improve his productivity.

## Improvements targets

The situation analysis revealed a potential for improvement at the customer. To reach the desired increase in productivity, we have defined the following improvement targets:

- Reduction of cycle time
- Optimize the process safety



## Productivity improvements

By working with Blaser Swisslube, this customer was able to improve his productivity and to save **€ 19'886**.

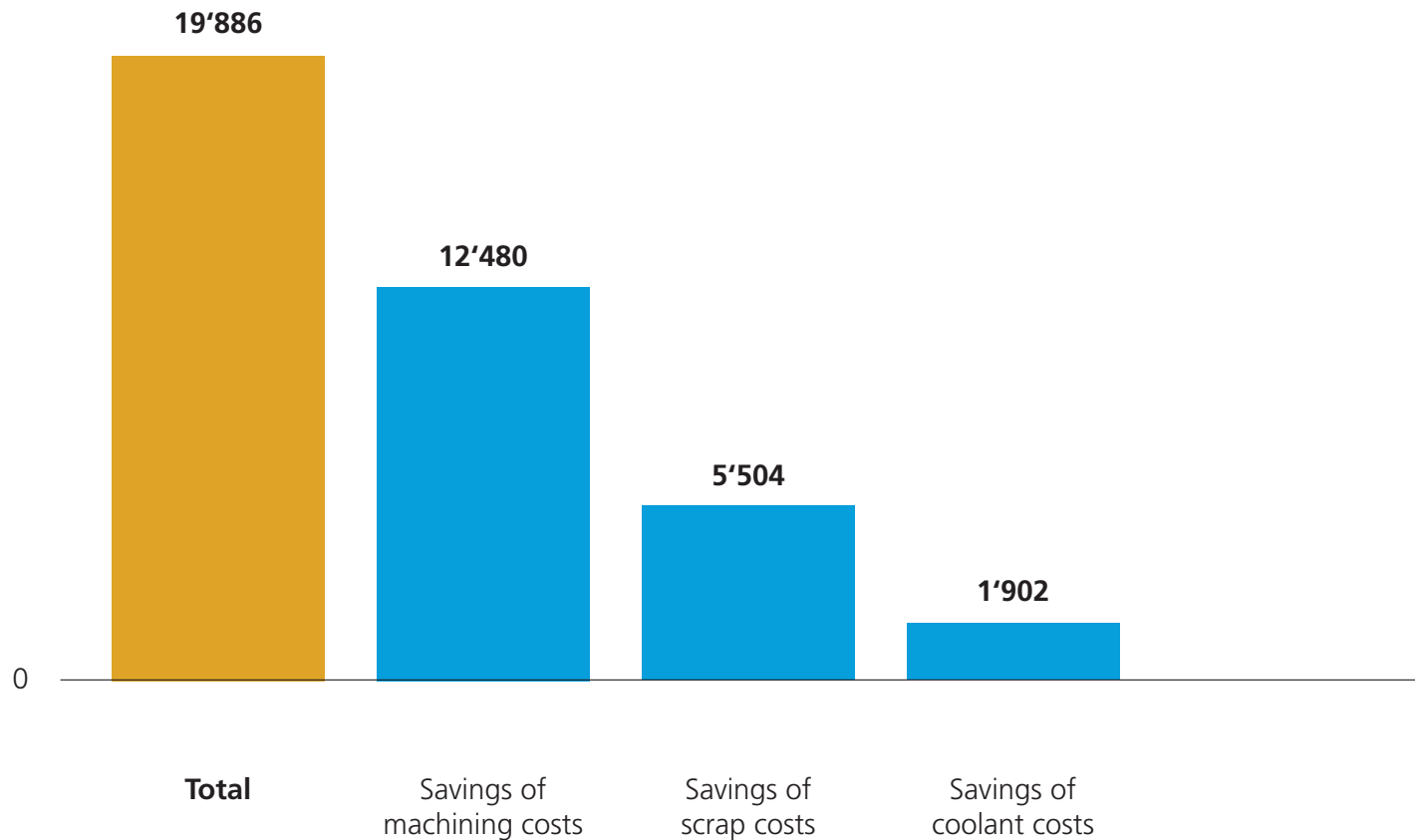


Extract from the Liquid Tool Analyzer, the tool developed by Blaser Swisslube for the documentation of the added value.

## Productivity improvement

**€ 19'886**

In €



Savings of machining costs due to lower cycle time	EUR 12'480
Savings of scrap costs	EUR 5'504
Savings of coolant costs	EUR 1'902
<b>Total savings</b>	<b>EUR 19'886</b>

### Conclusion:

Up to now, the customer had to refill the machine with fresh emulsion after just three months. The short service life of the emulsion and the scrap costs were decisive for a test. The test results are impressive: Compared to the initial situation, the customer was able to reduce scrap costs by 80%, to reduce machining costs by 21% and to save 72% in coolant costs due to the long service life.