

# BUSINESSCASE

## SCHUHL & CO



## Tons of quality with DST-DEGREEZ®

As a medium-sized family-owned company, Schuhl & Co. GmbH supplies nuts and cold-moulded parts to handle connection technology problems in the automobile, electrical and electronics industries. The company's speciality is M3 to M24 nuts with captive mounted, turning washers, called Comby® nuts, as well as square, hexagon, rectangular and circular nuts. The product range of course also includes parts with special threads.

Weld nuts in different shapes represent a big part of the production. Certified to DIN EN ISO 9001 / TS 16949, Schuhl & Co. GmbH has supplied the international market for more than 70 years.

For further information visit [www.schuhl.de](http://www.schuhl.de)

Schuhl & Co GmbH at Winterberg in Germany is busy – very busy. They produce 120 tonnes of nuts a months in all sizes for all sorts of customers, nationally as well as internationally. That's why impeccable degreasing quality is crucial to ensure production flow. All nuts must be washed twice in the 3.5m<sup>3</sup> WMV drum plant which must be running constantly – which it does now after the conversion to DST-DEGREEZ®.

**DST-DEGREEZ®**

Headquarters: DST-CHEMICALS A/S · Merkurvej 27B · DK-6000 Kolding · Tel: +45 7550 6360



**DST-CHEMICALS®**  
PURE PERFORMANCE

[www.dstchemicals.com](http://www.dstchemicals.com)

## BEFORE DST-DEGREEZ®

In the autumn of 2008, works manager Christian Wiese had the first visit from DST-CHEMICALS A/S and had a single item for the agenda: To ensure quality and thereby production flow. He was willing to put the promise to the test: the temperature could be lowered from 70°C to only 45°C. At first, he didn't feel that it would be possible to achieve the same quality at the significantly lower temperature.

Christian Wiese was also promised prolonged bath lives than the then 3 months as well as simpler bath change as the plant is no longer filled with deposits.

## THE CONVERSION TO DST-DEGREEZ®

The change to DST-DEGREEZ/3P took place in January 2009 – and achieved a superb result. As promised, temperature was lowered to 45°C resulting in energy savings of more than 30%. Add to this the 87% longer bath lives which means that the bath will now be changed only every two years! Moreover, bath changes have become much easier: The strongly demulsifying effect of the DST-DEGREEZ® products helps the oil separator remove the oil from the system. It leaves the bath water and thus the machine clean. The bath change is now fast and simple and at much lower costs for water, energy and disposal.

'It simply runs excellently,' says Christian Wiese. There are NO problems with the degreasing quality, on the contrary. This is undoubtedly the best initiative taken by Schuhl & Co. GmbH to strengthen the degreasing process and thus optimise the entire production flow.

'The degreasing quality is the best we have ever seen so we can only be satisfied.'



## FACTS

- Superior quality
- Energy savings of more than 30%
- Bath lives of 24 months
- Wash at only 45°C
- Significantly less waste water

EXTREMELY LONG BATH LIVES



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