

ZINC DIE CASTING RELEASE AGENTS

Developed for the highest demands.




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Structural die casting, micro-spraying and minimum-quantity spraying are topics that everyone is currently talking about. But in addition to these clearly important topics there is still "classical" die casting. In the past few years we've increasingly focused on zinc die casting. In this field we see ourselves as a die lubricant manufacturer facing increasingly challenging tasks, which make it necessary to try new approaches. New approaches, for example, due to the increased complexity of the die casting components for the lock and fitting industry. In the time of Industry 4.0 and E-Mobility we're also seeing a high demand for sophisticated electrical components and connectors, which will surely only gain in importance in the future.

The classical zinc die lubricant, which is usually oil-based and sometimes contains solvents, is often still the medium used. We have made it our aim to forge new paths with water-based products and to therefore take both the current technical challenges as well as the environmental aspect into account. I am happy to announce that we are now able to introduce a product that in many instances was already able to replace the "classical" products.


Helmut Geiger, Geschäftsführer

Oil-based die lubricants are still very common in zinc die casting. However, the last few years have seen an increased demand for VOC-free lubricants, also in zinc die casting.

In many cases, water-based products can replace conventional oil-based lubricants. With our newly developed **TRENNEX® VM W 3579 Zn** we are able to offer a product that due to its chemical formulation is able to replace oil-based lubricants in many cases.

TRENNEX® VM W 3579 Zn contains no waxes or Polysiloxanes and is suitable for technical pieces as well as finished decorative pieces.

TRENNEX® VM W 3579 Zn can be delivered as a ready-to-use product or as a concentrate that can be individually diluted on-site. In individual cases, especially with very small and thin-walled castings, a change to a water-based product is not immediately possible. Our application engineers will gladly assist you in this matter.

TRENNEX®

VM W 3579 Zn

Wax and polysiloxane free
High-performance lubricant,

specially developed for zinc die casting.



- » For technically challenging parts
- » Creates a highly effective release film which guarantees an easy, problem-free ejection of the casting
- » No hard buildup on the die frame and/or other sealing surfaces



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