

CIMCOOL[®] CIMSHIELD *N-Durance* Technology

Improving cutting fluid product performance

Increased Product Robustness

Improved pH Fixing/Buffering

Improved ferrous corrosion protection

Increased product stability and cleanliness



The newly formulated CimShield *N-Durance* Technology metalworking fluids are a further enhancement of the successful Cimcool CimShield technology, providing increased product robustness by combining higher product alkalinity and pH fixing. CimShield *N-Durance* technology shields the product from outside influences and evaporation, resulting in low top up rates, reducing overall consumption.

The importance of pH Fixing

pH is a measure of the acidity or alkalinity of your metalworking fluid mix and a good indicator of the condition of your fluid mix. Each product has a pH range within which it is designed to operate (Typically 8.8 – 9.2 for most metalworking fluids). If the mix pH is too low, various aspects of your metalworking fluid mix are affected, such as microbiological control, ferrous corrosion protection, and mix stability. If the pH of the fluid mix is too high, various other aspects of your metalworking fluid mix are affected, such as product mildness and non-ferrous corrosion control. The CimShield *N-Durance* Technology based metalworking fluids guarantee a fixed pH value resulting in a long hassle free fluid management situation.

Compared to traditional products the Cimcool *N-Durance* range of products offer lower usage, increased cleanliness, longer life and better stability and are completely free of boron, nitrite, chlorine and formaldehyde releasing biocide.

Contact

Interested in more information on our new range of CimShield *N-Durance* fluids?

Please contact your local CIMCOOL Specialist.



CIMCOOL® Fluid Technology: FREE TEST

FREE TESTING of Cimcool high quality metalworking Fluids

Excellent Health and Safety profile

Clean tools and machines

Long fluid life

Extended tool life

From standard fluids to customized applications, we know how important it is for you to keep your operations running. CIMCOOL Fluid Technology-trained service personnel will help you to not only get the project started, but we work to optimize the production, chemistry and performance of our fluids.

It's a fact that 90% of customers who try CIMCOOL FLUID TECHNOLOGY stay with CIMCOOL FLUID TECHNOLOGY.

With our Free Trial offer, you can rest assured that our engineers, technicians and support personnel will stand behind our product, and help you make the transition to CIMCOOL FLUIDS efficient and produce results.

Use our contact form connect with a CIMCOOL FLUID TECHNOLOGY representative who can explain the process. There are no strings attached. We will supply the CIMCOOL Fluid needed to test our product at no charge.

We understand that temporary replacement of your current fluid requires work, but remember the 90% figure above. We will support you every step of the way. We are confident you'll see positive results that will improve your process and reduce costs, increase tool life and improve cleanliness, among other benefits.

Enjoy the CIMCOOL free metalworking fluid test! Please share your details with us so we can make an appointment.

Name

Company

Email

Tel

Mobile

Details (application)

..... (type of metal)

