

Anything underlined in the body may be clicked to a direct hyperlink for more info
Close the hyperlinked box to exit the window and return to this newsletter

Discussed topics are boxed to reduce the need to scroll pages - read each box as a section.

MetaLife NEWS ThermalLife



More Benefits Confirmed

<We trust you find this useful

[Print this Newsletter](#)



Volume #015-03-06

Badger Metal Tech, Inc.

March 2006

IN THIS ISSUE

1. [Case Western Test](#)
2. [Request the DMC-CD](#)
3. [UltraPolishing](#)
4. [Badger Brochures](#)

Tech Update
Section

[Internet Explorer
Tech Tip](#)

At the recent February 2006 meeting of the Die Materials Committee in Chicago, Case Western submitted a report on studying the insulating effect of die lubricant build-up.

Their findings, utilizing the standard dip tank procedure, showed that during the die casting operation that a residual insulating film builds on the surface of the die. The residual die lubricant film insulates the surface of the die from direct contact with the molten metal thus lowering the maximum surface temperature. This promotes longer die life.

We already know that the [MetalLife®](#)

process and its compressive stress layer prevents propagation of existing heat checking. We also have validated that the [MetalLife®](#) topography retains lubricant and prevents soldering.

Now from Case Western's findings yet another benefit surfaces for die casting dies.. Our enhanced lubricant retention property lowers the die surface temperature helping to further extend tool life. A more detailed report including graphs is available on our website. [Click here](#) or use the sidebar hyperlink. The full report is available on the Badger Metal Tech DMC-CD at No Charge to NADCA Corporate members.



In April at the Columbus Die Casting Conference, NADCA will unveil the new heat treating spec [207-2006](#) which the Die Materials Heat Treat Task Force has diligently been working on for the past two years.. Call us if you would like a preview.

Badger Metal now has converted all of their brochures to pdf Acrobat files and posted them on the web for easy access. [Click here.](#)

Badger Metal plans in the near future on becoming a one stop die cast die prep shop by partnering with the US leader in polishing "UltraPolishing" in Schaumburg, Chicago, IL. This would enable your company to cut down their prep time after final sample approval. Call us to find out how you can benefit from this.



Tech Update Section

Internet Explorer TechTip

With each newsletter, we will give a useful tip relating to more efficiently utilizing your computer skills.

We start off this month with an Internet Explorer tip when viewing

Go to the page that you desire to view. Hold down the Ctrl key on either the left or right side of the keyboard. While holding down this key, scroll the wheel on your mouse. As you rotate the mouse wheel, the text will enlarge or decrease depending on which way you roll the wheel. This technique

our website. If you desire to see the text on our website in a larger font, here is how to get your wish.

[back to top](#)

Badger Metal Tech, Inc.

N60 W15088 Bobolink Ave. Menomonee Falls, Wisconsin 53051

Phone: 262-252-3804 Fax: 262-252-3956

Email: infonow@badgermetal.com

URL: <http://www.badgermetal.com>

Copyright © 2006. All Rights Reserved

If you wish to be removed from our email Newsletter please reply with **REMOVE** as the subject. We will delete your record from our database