

METRO DETROIT METALWORKING CLUB				DEC '06	
Beginning balance	\$397.96	President	John Osborne		
2006 dues income		V. President	Emil Cafarelli		
Non-dues income		Treasurer	Ken Hunt		
New balance	\$397.96	Editor	John Osborne		
Expenses	-\$0.00	Publisher	John Lee		
Total on deposit	\$397.96	Webmaster	Dan Hittenmark		
DUES: \$10/yr. check to MDMC c/o Ken Hunt,			Macomb Community College 14500 E 12 Mile Rd, Warren, MI Room T-120 (parking off Martin Rd East of Bunert Rd Next meeting: JAN 10, 2006 (2nd Wed of every month)		

PRESIDENT'S MESSAGE There is much to report in this issue. There is the Swap Meet at the next meeting, a review of the LocTite presentation and an announcement of the next machining class. Please read on...

MINUTES There were 21 members present. This night was pretty much about the presentation by LocTite, so we went right into it. It went for the whole meeting including questions and answers after. Nice show.



The man pictured above is Chris Gogola, representative of LocTite products. He was an interesting and able presenter and our club members listened to all he had to say. He seemed to enjoy the experience, too.

While LocTite is known for thread locking chemicals, Chris pointed out there were many kinds available and demonstrated quite a few of them. He gave us all of a nut and bolt that was treated with a primer so we could be impressed with how fast it would activate the thread locker in stick form. We were.

Many other products we did not know about were also demonstrated. Some were surprising.

Chris mentioned that he would give answers to questions or send samples to anyone interested by calling 1-800-LOCTITE, Voice Mail 6136, or 734-306-8632 (Cell) or emailing him at chris.gogola@us.henkel.com

We want to sincerely thank Chris and LocTite for the fine presentation and being kind enough to offer this level of service.



Look at all the goodies!

There are threadlockers in 3 strengths, some wicking, some in stick form.

There are thread sealers for plastics and metals in cord, liquid and stick form.

There are gasketing compounds that will coat a gasket, eliminate a gasket or make a gasket.

Retaining compounds glue pulleys on shafts and bearings in housings with up to .005" gaps!

Metal rebuilding and shaft repair products fix steel and aluminum parts for machining.

There are products for repairing and coating concrete floors, including anti-slip.

Lubricants are high performance synthetics that come in spray, oil and grease form.

Anti-seize lubricants come in 7 variations for times when threadlocking is **not** what you want.

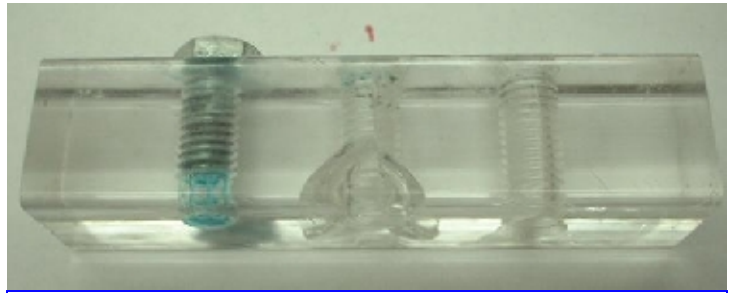
15 rust protection and cleaning products take care of pesky things like removing gaskets.

Epoxies and instant glues come in 7 forms and they all seem to be high performance.

And much more...



More LocTite stuff. This shows metal repair and retaining compounds, as well as threadlocking and how some pipe sealers can get into the oil.



Here is a very clever trick: for blind holes, partially fill with LocTite, then thread. This forces out the air that keeps LocTite from curing.

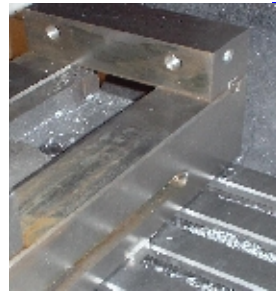
SWAP MEET

This upcoming meeting is the annual swap meet. Bring the crap treasures you can do without and bring money in case you see something you just have to have. Donations to the club treasury will be gladly accepted.

This is for club members, not the general public. Please keep things reasonable. Its recommended that large or heavy items be viewed in the parking lot. Please don't do anything that would jeopardize our standing with the College.

MACHINING CLASS

Need a bigger mill, lathe or saw than you have at home, wish you had a bigger raw material rack, want an experienced machinist handy or just want to machine metal with other people? You can. Its happening for a third time. The "Machine shop for Inventors and Craftsmen" class will start January 10th at 4:00PM. Sign up by calling the school, going online or just show up at the first class with \$159 for this **15-week** extravaganza. Materials are included.



John Osborne I got frustrated with the bolts holding down the vise. They are hard to clean around and got in the way when hanging work pieces off the side of the vise. Drilling holes for cap screws running into T-nuts took care of that.



Bert Campbell showed his shiny and red pipe bender he is building from scratch. He was overshadowed by the LocTite thing but says he will bring it back. Its quite heavy, though...



John Osborne here again. I am rebuilding my punch with a flywheel to get about 10 times the punching speed of the servo system. You can see a turret for the punch holders and one below it for the dies. Roller chains will sync the two turrets. I hope you fellows don't mind me putting this in the newsletter, but its too big to bring in.