

## Metro Detroit Metalworking Club – June 2011

### Treasury report:

Balance: \$746.10  
Deposits: \$ 40.00  
Expenses: \$000.00

Next meeting: July 13, 2011  
MCCC – North Lobby of  
Building “S” at 7:00pm

Publisher:

Webmaster: Steve/Doug Huck

### Contacts:

President: Rick Chownyk

Vice Pres: Emil Cafarelli

Treasurer: Ken Hunt

Secretary: Bob Farr

John Lee

President’s message: Rick was unable to attend the meeting this month. Karl Gross substituted for Rick and did an excellent job marshalling us through another successful meeting. Thanks Karl!

Important travel announcement: Joe Pietsch is traveling to Wauseon, Ohio on June 25<sup>th</sup> for the National Threshers Annual Reunion and Engine Show. He has three open seats available. Be in the West parking lot of MCCC at 9:00am if you would like to hitch a ride. Joe can be reached at (248) 321-9686.

Visitors: Brian Lawson introduced John Lovegrove from the Sarnia Model Engineers Club. John is working on a diesel I.C. engine of his own design.

Freebies, AGAIN!: Once again member Kurt Schultz treated us to twist drills of various sizes, (including some long-shank pulley drills) and some lube brushes. Thanks for sharing Kurt!

### Upcoming events:

National Threshers Annual Reunion  
Wauseon, Ohio – June 23-26, 2011  
[www.nationalthreshers.com](http://www.nationalthreshers.com)

Possible group trip: Huckleberry RR  
Flint, Michigan - date still open  
[www.geneseecountyparks.org](http://www.geneseecountyparks.org)

Mid Mich Old Gas Tractor Show  
Oakley, Michigan – August 18-21, 2011  
[www.mmogta.org](http://www.mmogta.org)

Show and Tell: Joe Pietsch suggested an alternative use for an unusual tool. The device is called an “E lastrator” and is normally used for e masculating farm animals. Joe noted th at is also very handy for stretching O-rings of various sizes:



This tool can be found at places like Tractor Supply Com pany or Farm & Fleet stores. The business end uses four expanding fingers which stretch the O-ring when the handle is squeezed:



Dave Zimmerman reported on a product which he markets to underwater salvage divers. He discovered while a college student that Harris un derwater cutting torches were expensive so he decided to

make his own. Nearly all of the components of the top torch in this image were made by Dave from scratch. The torch below it is a modified Harris for comparison:



Dave continues to modify Harris torches for underwater use. The torches are normally much longer. Dave cuts them down and then m akes the flame control tip assemblies which are un ique to underwater use. The torch uses a three gas system: fuel (usu ally acetylene), oxygen and compressed air. The torch tip assembly is placed directly ag ainst the material being cut and the compressed air creates a pocket of shielded space around the cutting flam e to reduce steam generation and the cooling effect. This technique can cut steel up to four inches thick underwater!

Dave rebuilds torches and regulators of all types and can be reached at (586) 677-0265 if you have a to rch in need of some maintenance. H e will a lso be giving a more in-depth presentation on gas torches at a future m eeting. Thanks Dave!

Ron Grimes has been very busy producing his custom-made pens. He shared a collection of his latest creations, which were nicely presented in a clear-plastic stand. The one in the middle of this picture is actually a multi-use tool with interchangeable tips: screwdrivers, a ball point pen, and an Exacto blade were interchangeable as needed:



David McMillan reported a pleasant visit with his father in Sun City, Arizona, made more so by discovery of their huge “arts and crafts” room on site. The building contains multiple vertical mills, lathes and other various metalworking machines for the residents to use! It is a Dell Webb community and more information can be found at their web site: [www.delwebb.com](http://www.delwebb.com)

Ken Kohndorfer has made a significant amount of progress since starting on his Shores Eagle hit-and-miss engine in March of this year:



Ken’s workmanship, and the quality of the components, is impressive:



Steve Huck continues to march forward with progress on his V8 project. He successfully silver soldered the sparkplug assemblies and painted the engine block. Nice work Steve!



David McMillan also gave a report regarding plans for the 2011 MDMC picnic. Last year's event was held at the Ray Community Airport and was a huge success. Plans for the 2011 picnic are tentatively scheduled for September. The airport is located at 59819 Indian Trail, Ray, Michigan, 48096, at the N W corner of Indian Trail and 27-Mile Road. Their web site [www.go2ray.com](http://www.go2ray.com) and (for those who may fly in) the coordinates are:

42-degrees, 44.20' North  
082-degrees, 53.32' West

Bob Farr, Secretary