

Do you clean parts, cut metal, weld, or deal with oil?  
Do you want to do these things cheaper, safer, and better?

**Tuesday, May 4, 2004, 9:00 a.m.—3:00 p.m.**

**2004 & BEYOND**

# **Tech Demo & Show**

**Washtenaw Community College, Ann Arbor, MI**

Come check out live demonstrations of *effective, affordable, environmentally friendly, and safe* technologies for...



**This event sponsored by:**

- **Michigan Department of Environmental Quality**
- **Society of Manufacturing Engineers, Chapter 79**
- **Washtenaw Development Council**
- **Small Business Association of Michigan**
- **Southeast Michigan Sustainable Business Forum**

**More info, full brochure, and registration at:**  
**[www.shepherdadvisors.biz](http://www.shepherdadvisors.biz)**

**734-528-0572**



## 2004 AND BEYOND TECH DEMO & SHOW

May 4, 2004, Washtenaw Community College  
9:00 a.m.—3:00 p.m.

### CHECK OUT TECHNOLOGIES THAT ARE

- ⇒ Proven in the Marketplace
- ⇒ Competitively Priced
- ⇒ Environmentally Friendly

Featured technologies—detailed descriptions...

## PARTS CLEANING

These systems are competitively priced, can do the tough parts washing jobs, and are convenient, easy, and safe to work with.



**Try them out. Bring your parts and get some cleaning for free!**

#### **Manual Parts Washer:**

This Michigan-made small scale and easily portable system features the use of grease-eating enzymes in a heated aqueous solution that enable users to tackle light and heavy grease parts cleaning jobs.

#### **Automatic Parts Washer:**

This remarkable parts cleaner uses an innovative design to clean heavy grease parts in only 60 seconds, saving lots of labor. Oil is recovered internally and water is evaporated off – no draining! This system fits in any garage, is movable, and available with an affordable lease. Trials are available.



## METAL CUTTING

These technologies utilize nature in innovative ways to give those who cut metal new ways to cost-effectively improve operational throughput, extend tool life, enhance worker safety, and reduce environmental risk.

#### **Metal Cutting, Welding, Soldering, Brazing:**

Take a look at this remarkable metal cutting, welding and brazing device that is powered by water and electricity only. No acetylene! It reaches temperatures exceeding 10,000 degrees F and works 30% faster than standard tools. And it can cut through or weld aluminum, iron, glass, quartz and even titanium. Bring your hardest materials and test it yourself.



**Cutting Oils and Coolants:** These cutting lubricants and water-soluble coolants are made from special soybeans and designed for long life, providing superior lubricity and performance to conventional chemistries.



## ONSITE OIL RECOVERY

For those who generate quantities of oily liquid waste, these state-of-the-art oil recovery systems can help you lower your oil waste disposal, and even your heating bills.

#### **Oil Separation from Aqueous Parts Washer Fluids:**

This system utilizes a novel ultra-filtration membrane *that does not foul*, and returns water and soluble cleaners clean enough for on-site reuse. Several of these machines are already installed at a major auto OEM facility in Washtenaw County.



#### **Oil Recovery:**

This small footprint oil recovery system combines a novel variable depth skimmer and coalescer to yield very high oil removal rates, increasing coolant life, diminishing chemical use, and reducing environmental liabilities.

#### **Let Us . . .**

- ⇒ Ease the purchasing process
- ⇒ Arrange discounted pricing and attractive financing
- ⇒ Help lower costs and improve operations

**TECH DEMO & SHOW funded in part by a RETAP Technology Demonstration Program Grant through the MDEQ.**

Register via fax, mail, or email by April 21, 2004.

For more information, visit [www.shepherdadvisors.biz](http://www.shepherdadvisors.biz) or call Ramsey Zimmerman  
Shepherd Advisors  
734-528-0572

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PRESENTED BY



**SPONSORS**

State of Michigan Department of Environmental Quality

Society of Manufacturing Engineers

Washtenaw Development Council

Small Business Association of Michigan

Southeast Michigan Sustainable Business Forum

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**Participant Registration**

*Instructions and description* – Shepherd Advisors and Michigan Department of Environmental Quality, with cooperation from many statewide partners, will present a set of innovative technology demonstrations on May 4, 2004, at Washtenaw Community College, addressing metal cutting, parts washing, and oil management. To attend the Demonstrations, please complete and return this form. There is no charge for attendance. Lunch is optional, and will be provided between 12 p.m. and 1 p.m. Information about the actual products being demonstrated will be provided to registered attendees prior to the event.

*Please fax, email or mail this form by April 21, 2004 to Ramsey Zimmerman using the contact information to the left.*

- I am planning to attend.  
 I will stay for lunch.  
 Set me up for an appointment.  
 Please send more information.

Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Which best describes your business:

Automotive  Manufacturing  Machine Shop  Other

If other, please specify: \_\_\_\_\_

Which technologies are you interested in:

Metal Cutting  Parts Washing  Oil Handling

*You will be contacted by a Shepherd Advisors representative, who will confirm your attendance to the demonstrations, provide directions, answer any questions, and explain the process and timing for the day. In the meantime, feel free to contact any of the Shepherd Advisors representatives listed for more information.*