

Good Job Mike Halterman, Simonds and Brian Miller, Missoula Saws Advertising the Intermountain Saw Filers Meeting.

On march 4, I received two copies of Mike Halterman's letter and on March 5 I received two copies of Brian Miller's letter.

Mike did a great job explaining what a great place Post Falls, Id is to visit. Brian has everything clearly and completely laid out.

If you want your filers' meeting to be successful you have to start early and let folks know. I have been doing it for the WSFEA and it really helps.

Bring the Family to the Saw Filers' Meeting? We are seeing more of this. The meetings are typically held in places worth visiting with activities for the whole family.

Tax Deductible Trips

There is a provision in tax law for deductions for educational purposes. A trip to a saw filer meeting may qualify. Don't just take my word for it. Talk to a qualified tax professional and find out how to do it.

Bad Carbide Again

We are getting more emergency calls from people who bought cheap carbide that didn't work. They bought carbide from someone else to save a few dollars. Now their saws have lost or broken tips. This is happening in both mills and saw shops.

Our carbide is a bit more than some but our carbide works.

Our carbide is the least expensive, top quality carbide anywhere.

Carbide Processors, Inc.

Northwest Research Institute, Inc.

Newsletter March, 2013

3847 S. Union Ave. Tacoma, WA. 98409 (800) 346-8274

sales@carbideprocessors.com <u>www.carbideprocessors.com</u>

Need Saw Filer Artist



Carbide Processors, Inc.

This is our saw filer logo. We came up with it maybe 10 years ago. At the time there was a lot of discussion about the term saw filer and what it meant. We thought we would go with a heroic approach. The inspiration for this was a mechanic, Thor from the movie Adventures in Babysitting. He is the mechanic who rescues the really pretty girl and the little kids. In addition most saw filers really are extremely handsome, muscular hunks.

Now this logo is looking a little dated. Mike West thinks he has too much hair.

We would like to have a logo that is more multicultural. This guy is pure Scandinavian and there are a whole bunch of excellent saw filers of almost any ethnicity you care to name.

If you have an idea for a more appropriate saw filer image we would love to hear from you. Of course, we will be more than happy to pay you for your work. Contact Tom at President@carbideprocessors.com.

Help from Purchasing

Ask purchasing if you can specify "Suitable for intended use" or something similar on purchase orders. This puts the burden on the supplier to sell you something that works.

Warren Bird on Ripped Shoulders

At the wood machining workshop I got to hear Warren Bird of California knife and saw speak. He was asked a question about ripped shoulders on saw blades. Warren's solution was to change the design a bit by removing a couple of teeth. This gives you a little more mass in each shoulder. He also emphasized the importance of shoulder design to get as strong a shoulder as possible.

Now Warren is an incredibly intelligent man and this is just what I remember him saying. If you are really interested or have questions maybe you better contact him directly. In all the years I've known Warren I have always found to be very gracious and more than willing to answer questions from anyone especially saw filers.

Warren Bird 888-729-6533 California Saw & Knife Works Email: CalSawSF@calsaw.com

Free Report On Ripped Shoulders

I have an eleven page report on the causes of and solutions for ripped shoulders. It is yours free by email or USPS.

This is a really good report. As you can see from the following list; some of the best people in the industry contributed.

Bryce Finlayson, J.S. Jones Timber Ltd.; Neal Davis, Weyerhaeuser; Dick Bernier, Columbia Vista; Bruce Maples, Simpson; Jeff St Pierre, Weyerhaeuser; James Davis, Simpson; Burl Swigart, Retired Filer, Owner Triple S; Mike West, Cascade Hardwoods; Steve Hartshorn, Peerless Saw Co.; Tom Walz, Carbide Processors; Warren Bird, California Saw & Knife Works

Calendar of Events

Southern Saw Filers' SSFEA **Education Association Convention** April 19 – 20, 2013 Riverwalk Hotel & Suites Conference Center - 1046 Warrenton Road Vicksburg, MS 39180 Reservations: 601-634-0100 www.southernsawfilers.org for more information and forms to download. Please print and fill out the necessary paperwork and mail, email or fax it back to me as soon as possible at: ATTN: Debra Smith, Sec/Treasurer P.O. Box 510 Garrison, TX 75946 Fax: 936-254-3975 debra-saws@hughes.net Debbie Hughes at smithdesk@hughes.net

BC Saw Filer's conference

April 26 & 27, 2013.

Prince George, Kamloops, BC. website www.bcsawfilers.com

Contact: Bruce Doroshuk

President BC Saw Filer's Association

Phone 250-546-2234

Stay Safe, Stay Sharp

I have made the trip up to this conference. I drove up the west route, following the river and down the east route through the orchards. It was a beautiful trip both ways. The BC organization is very large and they do things very well.

Intermountain Saw Filers

June 7th and 8th.
Templin's Red Lion Inn- Post Falls, Id.
Dan Riepe- driepe@idfg.com
cell phone(509) 688-7346
Mike Halterman =
mhalterman@simondsint.com
cell phone (509) 990-5131
Brian Miller Brian@missoulasaws.com
800-735-7161 office

CWSFEA - California Western Saw Filers Educational Association

June 21 & 22, 2013. Holiday Inn & Convention Center. 1900 Hilltop Drive Redding, CA. 96002 (530) 221-7500 **High Intensity Grinding Course** July 23-25, 2013; Goshen, New York; hosted by Blaser Swisslube

hosted by Blaser Swisslube www.TheGrindingDoc.com

AWFS - American Woodworking & Finishing Show

July 24 – 27 - Las Vegas, NV http://awfsfair.org/

ISKA Meeting in Las Vegas

July 26th 6:00 p.m. At Margaritaville in the Flamingo 3555 S. Las Vegas Blvd. Bill Zickel is in charge this year and, if he does this as well as he does everything else, it should be a really nice, fun event.

WSFEA - Western Saw Filers Educational Association

September 13th and 14th Monarch Hotel - Clackamas, OR

York Saw T Shirt List

Midwest, April 12-13 in London, KY Southern, April 19-20 in Vicksburg, MS Northeastern Forest Product Equipment Expo, May 3-4 in Hamburg, NY Northeastern Forest Product Equipment Expo, May 17-18 in Bangor, ME Intermountain , June 7-8 in Post Falls, ID Forest Products Machinery & Equip Expo 2013, June 5, 6-7 in Atlanta, GA Timber 2013, June 7-8 in State College, PA SouthEastern , June 14-15 in SlatyFork, WV

Western California, June 21-22 in Redding,

West Coast , September 13-14 in Portland, OR

Lake States, September 20-21 in Bellaire, MI

Ammunition is Getting Scarce

This morning I lucked out and was able to buy several cases of ammo. On the way home I stopped at the gas station where a drop-dead gorgeous blonde was filling up her car at the next pump.

She looked at the ammo in the back of my Truck and said in a very sexy voice, "I'm a big believer in barter, big boy". "Would you be interested in trading sex for ammo?"

I thought a few seconds and asked, "what kinda ammo ya got?"

Our Thanks to Mike Pickard and Melissa Stiles, Marketing Manager York Saw & Knife Co.

800-233-1969 MStiles@yorksaw.com

We had some calendar information and they had a lot more which they graciously supplied. Mike is really dedicated to supporting saw filer meetings. Melissa is brand new at York. She has a really impressive list of accomplishments. I spoke to her on the phone and she is a genuinely nice person.



They also have the really cool T shirts again this year.

York is doing well selling big band saws nationally in spite of the shipping costs. There are mills on the West Coast who buy big band saws from York. As one filer explained; the quality and service from York are very good and he really likes to have at least two suppliers for everything.

Great Little Shop Carts



Rubbermaid 4500 from a Restaurant Supply Store. About \$200 ea. We have been using 3 of them for about 10 years. They are really tough, hold a lot of weight, go anywhere and are easy to clean.

Filtering Straight Oil / Water Based Coolants



We now have a filter system that filters straight oil coolants. Above is our CP 2020 which filters tight oil coolant very well. It is also available as a wall mount unit.



Here is our CP 2002, which has been an extremely good unit on water based coolants for about eight years.

We have tried it on straight oil with very poor results. It filtered for maybe an hour before it plugged up.

Oil is much thicker than water. The filters were good enough to filter the oil for a while but, as soon as they started to a load up with dirt, the oil was too thick to get though.



Here are the two units side by side.

A filter is a series of holes that separates particles from liquid. Oil is thicker than water so it is harder to filter out small particles. In addition oil transfers the pressure from the pump directly to the filter and is much more likely to collapse a filter element

The secret is a high-tech filter. This is stainless steel inside and outside to handle the pressure. It is smaller than our water filters and has a pleated surface to provide sensational filter surface area at the high pressures oil creates.





We recommend monthly filter changes but many go much longer than that.

Great Filter Units

For Straight oil, Synthetic and Water - based coolants.

Really popular – We're selling a bunch of them





Great prices, pay for themselves readily, cleaner shops, less labor and longer diamond wheel life with better, faster grinds.

Now accepting Visa & MasterCard Call Us at 800 346-8274 or

Call Us at 800 346-8274 or Equipment Ltd at 800-533-2006

Coolant filter Life

We recommend a filter change after one month in use on a single machine which is about 160 hours of use. In our tests we have seen them go 21 days of 20 hour shifts, which is 420 hours. Many folks get 2 or 3 months out of the filters which is 320 to 480machine hours.

The rating is based on the amount of sludge generated by the machine in an hour. If you run a machine 40 hours and filter one hour then you remove all the sludge from the 40 hours of running.

If you are running 11 machines then you are getting 440 hours life out of the filters in a week.

Two things can happen. 1. If filters are run too long they can load up and releases over and over so they don't do any good past a certain point. It looks like they are working, however. This is like pouring fifty gallons of water in a five gallon bucket. It works because when you are though the 50 gallon drum is empty and the bucket is full. You just ignore the water on the ground. 2. After a long enough time there will be a lot of sub-micron particles in the coolant and this can give it a gray color.

Side Dial Indicators

Mike Steinfeldt of Central Saw in Spokane, WA called and wanted a special kind of side dial indicator. He described it as a side dial indicator with a heavy round base that weighed about 2 pounds. Pretty good description.



I had seen them but I didn't know where to find them so I made a couple calls and Mike West posted it on his saw filer network.

People remember them being available through Pac Hoe, SystiMatic, and Cascade Southern. These have all become part of the Simonds organization and Norm Brown of Simonds says that they are readily available, Simonds item. # 36435











Magnetic gauge for measuring clearance from saw plate Available in inch increments item 13911-C1 or in metric, item 13911-C2



Norm Brown - Product Manager Cell 360-589-9030 Nbrown@Simondsint.Com

Mike Halterman of Simonds says he has one but he wants a lot of money for it. With Mike that might be a pretty good deal. When Mike buys you dinner he wants you to eat a big steak and he is pretty upset if he thinks you are getting thirsty.

Burl Swiger of Triple S (the grinder repair and rebuild guy) says he can get them.

Jim Davis makes by cutting a piece of shaft then grinding it on my reform magnetic knife grinder to true it up.

I found three similar items on line.



Woodstock Rotacator – I rotates around in 90 degree increments. http://www.woodstockint.com/catalogs/2012/Main/85 Rotacator W1218A http://www.woodstockint.com/ROTAC ATOR-/W1218A/



Oneway Multi Gauge http://www.amazon.com/gp/product/B0 002SA98I?ie=UTF8&tag=thewoodwhis pe-

20&linkCode=as2&camp=1789&creative=390957&creativeASIN=B0002SA9



Mastergauge http://www.toolreviews.ca/reviews_acc essories/Mastergage_microgage/Master gage_microgage.html



Set up for measuring the center of guides. The indicator rides on a steel rod coming out of the round weight with handle on it.

Then it got a little silly. Someone offered the precision instrument shown below.



Saw Filer History



The saw filer, or "camp dentist" often sharpened 12-15 saws in a single day. Each saw took nearly an hour to sharpen, and the filer was forced to work well into the night if the sawyers did not have spare saws to use the next day. The shack's extra window and skylights provided the filer with good light to work by until the sun went down.

Super "C" Carbide Grade

Tougher than C1 - Better wear than C3 What Makes Super C Tips Truly Superior

- 1. Superior Abrasion Resistance Abrasion or straight wear is countered by smaller, better grain size.
 2 & 3. Superior Adhesion and Diffusion Resistance (corrosion and chemical attack) Super C grade of carbide has an extremely fine structure so there is very little binder presented to the material being cut. This, combined with the special metallurgical formulation the Super C binder (hint it's not just plain Cobalt) creates an extremely wear and corrosion material for use in wood, plastic or non-ferrous metals.
- 4. Superior Fatigue Resistance

And People Really Like Them - Call Today To Try Them - Most Sizes Readily Available

Super C Hardness (HRA) T.R.S. (psi) 92.2 – 92.4 530,000 +

Typical C2 values

	Hardne	ss (HRA) T.R.S	. (psi)
C2	92.1	334,000	
C2	91.8	334,000	
C2	91.5	377,000	
C2	90.4	435,000	

Typical C Values

	Hardness T.R.S. (psi)
C1	89 - 92.4 350,000 - 360,000
C2	91.2 - 92.9 250,000 - 400,000
C3	91.4 - 93.6 270,000 - 350,000
C4	89.6 - 93 260.000 - 450.000

Sawmill Grade Tips

- * Transverse rupture strength well above 500,000 psi.
- * Rockwell A hardness above 92
- * Alloy binder for corrosion resistance
- * Grain structure to inhibit both crack initiation and crack propagation
- * Micro grain or mixed grain for superior wear

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Cermet II® 8 days instead of 5 in MDF

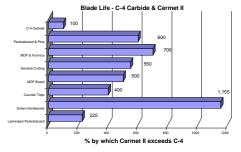
Three weeks and three full loads of double side melamine laminate instead of 1 week and 1 load with carbide

- 1. 5 blades with standard C-4 carbide cutting 45 lb. single and double sided vinyl-laminated particle board
- * Cermet II 15,088 meters / old grade 6706 meters for 225% as much run
- 2. KM-16 industrial saw cutting 101.6 mm x 152.4 mm (4" x 6") Green hardwoods, oak, hickory, maple and walnut using 11 blades with standard C-4 carbide
- *Cermet II / 462 hrs / old grade 40 hrs 1,155% as much run life
- 3. 406 mm (16") 100 teeth cutting countertops
- * Cermet II 4 weeks / old grade 1 week (4 times) **400% as much run life** 4. 406 mm (16") 80 teeth cutting MDF Board
- * Cermet II 10 days / old grade 2 days (5 times) **500% as much run life** 5. 305 mm (12") 100 teeth TCG Miter cutting oak, Compressed Fiber Board, Plastic
- * Cermet II 154 hrs / old grade 28 hrs (5.5 times) **550% as much run life** 6. 305 mm (12") 60 teeth cutting MDF, High Pressure Laminate (Formica) * Cermet II 56 hrs / old grade 8 hrs (7 times) **700% as much run life** 7. G 1060A on Chop Saw cutting Particle Board and Pine Dowel Rods * Cermet II 48 hrs / old grade 8 hrs

(6 times) 600% as much run life

Use Cermet 2 instead of carbide and make your life much easier





Cermet II© Successes

- 1. Several times the life in a window and door plant.
- 2. 3 times the life in Corian.
- 3. 8 days instead of 5 in MDF and we have an even better grade coming.
- 4. Twice the life in beetle killed Lodge Pole pine.

Benefits You Get

- * Grinds like regular carbide
- * Gives a better edge than carbide
- * Stays sharper longer than carbide
- * Great increase in fracture toughness.
- * More corrosion-resistant
- * Better at high temperatures
- * Cuts faster
- * Cuts faster & longer yet is tougher
- * Longer runs and less downtime.

Report from Marvin Windows

On the saw that we tried. How many times we resharpen a blade before we order new or have retipped we are not sure. Most blades get damaged by hitting something so we have the carbides retipped a lot. How often do regular blades have to be resharpened? We normally have our carbide tipped blades sharpened every week.

The new Cement II blade normally lasts twice as long before it gets damaged. The best so far is four weeks and one and a half million cuts before we changed it out which is four times longer.

Hope this helps and keep up the good work on those tips. Nathan Hull, Grinderman Marvin Wood Products

Carbide Processors, Inc. 3847 S. Union Ave. Tacoma, WA 98409

Monte Murphy Jokes

I got caught taking a pee in the local swimming pool today. The lifeguard shouted at me so loud, I nearly fell off the diving board.

I went to the pub last night and saw a fat chick dancing on a table. I said, "Nice legs." The girl giggled and said with a smile, "Do you really think so." I said "Definitely! Most tables would have collapsed by now. "

Lawyer Jokes

ATTORNEY: What gear were you in at the moment of the impact?

WITNESS: Gucci sweats and Reeboks.

ATTORNEY: Now doctor, isn't it true that when a person dies in his sleep, he doesn't know about it until the next morning?

WITNESS: Did you actually pass the bar exam?

ATTORNEY: The youngest son, the twenty-year-old, how old is he? WITNESS: He's twenty, much like your

ATTORNEY: Were you present when your picture was taken?

WITNESS: Are you sh\%\^&ng me?

ATTORNEY: She had three children, right?

WITNESS: Yes.

ATTORNEY: How many were boys?

WITNESS: None.

ATTORNEY: Were there any girls? W ITNESS: Your Honor, I think I need a different Attorney. Can I get a new Attorney?

ATTORNEY: How was your first marriage terminated?

WITNESS: By death.

ATTORNEY: And by whose death was

it terminated?

WITNESS: Take a guess.

ATTORNEY: Doctor, how many of your autopsies have you performed on dead people?

WITNESS: All of them. The live ones put up too much of a fight.

ATTORNEY: ALL your responses MUST be oral, OK? What school did you go to? WITNESS: Oral.

ATTORNEY: Do you recall the time that you examined the body? WITNESS: The autopsy started around

ATTORNEY: And Mr. Denton was dead at the time?

WITNESS: If not, he was by the time I finished.

ATTORNEY: Doctor, before you performed the autopsy, did you check for a pulse?

WITNESS: No.

ATTORNEY: Did you check for blood pressure?

WITNESS: No.

ATTORNEY: Did you check for breathing?

WITNESS: No.

ATTORNEY: So, then it is possible that the patient was alive when you

began the autopsy? WITNESS: No.

ATTORNEY: How can you be so sure,

Doctor?

WITNESS: Because his brain was sitting on my desk in a jar.

ATTORNEY: I see, but could the patient have still been alive. nevertheless?

WITNESS: Yes, it is possible that he could have been alive and practicing

Candidate statements on resumes:

- 1. The more you pay, the harder I work.
- 2. I was arrested for assaulting my previous boss.
- 3. Just wanted an opportunity to show off my new tie.
- 4. Listed her dog as reference.
- 5. Listed the ability to do the moonwalk as a special skill.
- 6. A husband and wife looking to job share -- submitted a co-written poem.

- 7. Included "versatile toes" as a selling point.
- 8. I am "particularly adept at comprehending the obvious."
- 9. I would be a "good asset to the company," but failed to include the "et" in the word "asset."
- 10. Email address on the résumé had "shakinmybootie" in it.
- 11. Said he was a "marvelous physical specimen."
- 12. Candidate included that she survived a bite from a deadly aquatic
- 13. Was fired from different jobs, but included each one as a reference.
- 14. Used first name only.
- 15. Presented a list of demands in order to work for the organization.
- 16. Candidate asked, "Would you pass up an opportunity to hire someone like this? I think not."
- 17. Insisted that the company pay him to interview with them because his time was valuable.
- 18. Résumé was intentionally written from right to left instead of left to right.
- 19. Sent a lemon with the résumé, stating "I am not a lemon."
- 20. Candidate submitted 40-page résumé that included photos and diplomas

Old Farmer's Advice:

- 1. Your fences need to be horse-high, pig-tight and bull-strong.
- 2. Keep skunks and bankers at a distance.
- 3. Life is simpler when you plow around the stump.
- 4. A bumble bee is considerably faster than a John Deere tractor.
- 5. Forgive your enemies; it messes up their heads.
- 6. Do not corner something that you know is meaner than you.
- 7. It don't take a very big person to carry a grudge.
- 8. Don't judge folks by their relatives.
- 9. Remember that silence is sometimes the best answer.
- 10. If you find yourself in a hole, the first thing to do is stop diggin'.
- 11. Always drink upstream from the herd.
- 12. Lettin' the cat outta the bag is a whole lot easier than puttin' it back in.

Free Sawfiler Railroad Car We have a Winner

John Gauntt of Barge Forest Products Co. in Macon, MS

The free sawfiler, railroad car went to a very good home. John Gauntt still has the train set his father bought him when he was a little boy.

The really good sawfilers understand equipment, know how to use and maintain it and keep it in good shape.

This also tends to prove our theory that somewhere there is a saw filer who is an expert in just about anything you would care to know.

Following is a message and some pictures from John Gauntt



From: John Gauntt To: Emily Erskine Subject: SAW FILERS car

Well I am not sure who I should be sending this to, be it Emily or Emily or Tom since there are rumors about that the girls run the place and Tom buys Christmas stuff.

I called a few days ago about the SAW FILER'S car hardly expecting that it would still be available. Then when you took my shipping info. how surprised and pleased. It has come and how wonderful it is to have. Thank you! It came with a lighted cap and set of wrenches too. Wow!



Now to add a little to my story. On the phone I told you that for my first Christmas, 1938, my father bought me

some Lionel trains and that I still have them. This is true. And I put them up every Christmas to play with them. And my two sons come over and play with them. And my grand children come over and play with them (under supervision). And my great grand son comes over to play with them (under supervision). One grandson and I were talking about what to do next year and how to incorporate the new SAW FILER'S car. We plan to make a forest and put the car over in the edge of the forest to replicate part of my grandfather's sawmill that he had in New Jersey before I was born. My grandfather and my father, who was just a boy at the time would drive to the woods in the Ford model T where the sawmill was and jack up the rear wheel of the "T", put a flat belt on the tire and power the mill with the "T'. I would like very much to have a picture of the mill in operation, but alas the folks were poor and cameras and film out of the question.



But I am including a picture or two of the trains that I do have from my father.

Thanks again for the car n stuff. John

A Blonde Explaining Easter

Three blondes died and found themselves standing before St. Peter. He told them that before they could enter the Kingdom, they had to tell him what Easter represented.

The first blonde, an American, said "Easter is a holiday where they have a big feast and we give thanks and eat turkey." St. Peter said, "Noooooo," and wouldn't let her in.

The second blonde, a Brit, said "Easter is when we celebrate Jesus's birth and exchange gifts." St. Peter said,

"Noooooo," and he wouldn't let her in either.

The third blonde, a Canadian, said she knew what Easter was, and St. Peter said, "So, tell me."

She said, "Easter is a Christian holiday that coincides with the Jewish festival of Passover. Jesus was having Passover feast with his disciples when he was betrayed by Judas, and the Romans arrested him. The Romans hung him on the cross and eventually he died. Then they buried him in a tomb behind a very large boulder ... "

St. Peter said, "Verrrrry good..."

Then the blonde continued, "Now, every year the Jews roll away the boulder and Jesus comes out. If he sees his shadow, we have six more weeks of hockey."

St. Peter fainted.

SENIOR CITIZEN JOKE

A little silver-haired lady calls her neighbor and says, "Please come over here and help me. I have a killer jigsaw puzzle, and I can't figure out how to get started."

Her neighbor asks, "What is it supposed to be when it's finished?"

The little silver haired lady says, "According to the picture on the box, it's a rooster."

Her neighbor decides to go over and help with the puzzle. She lets him in and shows him where she has the puzzle spread all over the table. He studies the pieces for a moment, then looks at the box, then turns to her and says,

"First of all, no matter what we do, we're not going to be able to assemble these pieces into anything resembling a rooster."

He takes her hand and says, "Secondly, I want you to relax. Let's have a nice cup of tea, and then let's put all the Corn Flakes back in the box."

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Permit No. 356

ADDRESS SERVICE REQUESTED

Sawfiler Education

Sawfiler ISKA and other meetings P 2

These are open meetings. The British Columbia and Intermountain Filers have both made a point of inviting other filers to their meetings.

Free Sawfiler Advertising

We will advertise your meeting free.
Just contact us.
sales@carbideprocessors.com
800 346-8274

Advertise Early and Often

You will have better attendance if you start your meeting advertising at least six months ahead of time. Tell people when, where and what you will be doing at least six times before the meeting. Don't forget to tell people how they will benefit from attending.

Reports of Bad Carbide

We are getting reports of bad carbide from both saw shops and mills. Some of it is odd sized, some breaks too easily and some just won't braze. Folks call us because we only sell top quality carbide that is 100% guaranteed.

Sell Scrap and Sludge Now! Ship USPS flat rate boxes dirt cheap. Call Emily 800 346-8274

Please call and order carbide, silver solder (braze alloy) and flux.



Lucky, The Old Dog, is waiting for your order.

New Saw Blade Inspection Tools Inside

Plus other technical info, free T shirts and some pretty good jokes.

Free Mirrors With Magnets



Want an email edtion - just email sales@carbideprocessors.com

10% Discount on great tools www.carbideprocessors.com enter 'sawfiler10' at checkout