



Be a Hero like Russell Hartley

Russell Hartley is retired now. He was head filer at Anthony forest products. A few years ago Emily and I were in Louisiana to give a speech any came up to me and tried to describe a new technique he had for brazing saws. I was having trouble understanding him so he said he would make a video and send it to me. He is a man of his word and the video is on our YouTube site now as brazing video number two. <http://www.youtube.com/watch?v=7UO2fcRkxB4>

Russell did an awful lot of good work on the fixturing. The way he brazes saws is fast, accurate and he has zero tip loss. However there have been people that stood up in meetings and told him he was doing it wrong.

Two Lessons

Sawfilers keep telling meeting planners that they want to hear from other saw filers and not so much from vendors.

1. Stand up and offer to share what you do. It takes a lot of guts to stand up and explain what you are doing. Do it anyway.
2. Listen Politely and don't be too quick to criticize. The reason for these meetings is so you can hear new ideas. What works in somebody else's mill or shop may not work in your mill.

Example: Roy Davis of Uddeholm Steel believes you can tell the condition of the bandsaw wheels by looking at the band saws. Roy has seen a lot of mills where the wheels get a huge amount of wear. If you are a filer in a good mill this doesn't make any sense to you because if you have never seen bandsaw wheels that badly worn.

Carbide Processors, Inc.

Northwest Research Institute, Inc.

Newsletter February, 2013

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

sales@carbideprocessors.com www.carbideprocessors.com

T- Shirts



We are doing a new run of sawfiler T-shirts with our sawfiler logo on it. Some of the guys want a darker shirt so it doesn't show the dirt. We are going with a dark, chocolate brown.

They are \$19.95 each. Emily says you can have one free with a \$300 order or if you try any amount of our Super C grade. Standard sizes are child to 6x with 10x available.

Quit Honing Knives?

Mike Lindsay of Eastside saw in Bellevue, WA brought back an idea from an ISKA meeting.

Mike had been following a traditional practice of grinding saws and then honing them. What he saw was somebody using a little hand sander to finish knives. They used an inexpensive little sander with 1500 grit sandpaper. Mike says that it is faster, much easier to train somebody and the customers really love the difference.

What I told you is pretty much the way I remember it. If you want to know more about this you really ought to contact Mike. He will be at the ISKA meeting in Nashville.

Appreciation for the People Who Really Run American Business

I am so old that when I was in college it was assumed that men ran American Business. The business school was pretty well all men. Women were in nursing and education.

About 40 years ago I sold sporting goods for Sears. That's when I learned who really ran American business. There was a group of women who would meet for coffee a couple times a week. It was the warehouse manager, the store manager's secretary, the head of personnel, the head of finance and a couple others. If you had a problem one or other of these people could solve it for you. The store manager and the store's operations manager were both men but these women took care of all the day-to-day work beautifully.

I remember years ago when it was thought unusual that I had woman as a shop foreperson. In the past week or two I have had dealings with Linda Murphy of Murphy Saw and Debra Smith of Smith Sawmill Service. Two incredibly capable people. Then there is Jane at Eide as well as Carla, Sharon, Patricia, Janet and Dorothy, Angie, Jen and Jennifer, Crystal, Veronica, Jan, Carrie, Carol, Lynn, Kish, and many more. Of course, Emily and Whitney here. (I know I missed some I should have included and I apologize. These are just the first names that came to mind.)

They are rarely thought of as "The Boss" but they really do run things and do a truly excellent job. I just thought it was time to show a little appreciation and admiration.

Besides it is Valentine's Day.

Calendar of Events

ISKA - International Saw & Knife Association

March 1 - Nashville, TN
Contact Steve Bergerson
805 216 9565 steveb@westernsaw.com

High Intensity Grinding Course

March 6-8, 2013; Columbus, Ohio;
hosted by Diamond Innovations
www.TheGrindingDoc.com

LEOFSA - Lake Erie and Ontario sawyers and Filers Association

March 15 & 16, 2013
Saint Marys, PA
Lodging: The Best Western
1002 Earth Rd - St Marys, PA 15857
(814) 834-0000
Meeting and Meals:
Gunners Restaurant
33 S. Saint Marys St. - St Marys, PA
15857 (814) 834-2161

Our tours will include Straub Brewery at 12:30 pm Friday and the Domtar paper plant in Johnsonburg at 2:30 pm.

Our venue for our meeting (NOT OUR MOTEL) is Gunner's Restaurant in downtown Saint Marys, which also has a proud heritage and is well known for its fine food and located near "the diamond."

Speakers at the meeting on Saturday will range in topics from small band mills, sales/procurement to tie production, as well as a workshop on shapers and swages!

Reminder- hotel reservations need to be in by Feb. 15th. We've reserved twenty rooms at the Best Western in Saint Marys at a cost of \$105 + tax - mention

SSFEA - Southern Saw Filers' 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

High Intensity Grinding Course

March 6-8, 2013; Columbus, Ohio;
hosted by Diamond Innovations
www.TheGrindingDoc.com

CWSFEA - California Western Saw Filers Educational Association

June 21 & 22, 2013.
Holiday Inn & Convention Center.
1900 Hilltop Drive
Redding, CA. 96002

High Intensity Grinding Course

July 23-25, 2013; Goshen, New York;
hosted by Blaser Swisslube
www.TheGrindingDoc.com

AWFS - American Woodworking & Finishing Show

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

WSFEA - Western Saw Filers Educational Association

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

Saw Filer Training Manuals

I found these online and will be happy to send them to you as a pdf attachment.

1. [Round Saw filer Training Program](#) from the Industry Training Authority of British Columbia. A good outline of the British Columbia training program.

<http://www.itabc.ca/sites/default/files/program-information/lumber-manufacturing-industry-circular-sawfiler/lumber-manufacturing-industry-circular-sawfiler-program-outline.pdf>

2. [Saw Filer Tool Kit](#)

An outline of Physical and Mental demands of a round saw filer's job.

Incredibly thorough with numerous checklists and great ergonomic advice. From; Worker's Compensation Board of British Columbia, Council of Forest Industries, Industrial Wood & Allied Workers of Canada as well as Advanced Ergonomics, Inc.

[http://www.fwsn.org/imirp/Saw_Filer_\(Round\).pdf](http://www.fwsn.org/imirp/Saw_Filer_(Round).pdf)

The Grinding Doc

These courses appear a little spendy until you realize what they can do for you. What is kerf reduction worth in a mill? What is a new customer worth to a saw shop?

1. The next High Intensity Grinding Course is in March in Ohio. Here's the 2013 schedule.

March 6-8, 2013; Columbus, Ohio;
hosted by Diamond Innovations
June 10-12, 2013; Gävle, Sweden
July 23-25, 2013; Goshen, New York;
hosted by Blaser Swisslube

Attendees frequently email me with reports of what they're doing to cut cycle times and reduce grinding costs. I've even had a few people attend twice, saying they got so much out of it the first time they wanted to do it again!

2. And, if you're a carbide grinder, you'll want to attend the Carbide Master-Grinder Clinic:

April 9-11, 2013; Mundelein, IL; hosted by Rollomatic

3. Are you doing Pinch/Peel Grinding? I have developed PinchMaster 3000, a program for evaluating rough-grinding in pinch/peel grinding. It estimates grinding temperatures and gives advice on material-removal rates and optimum machine parameters. If interested, email me for a trial version.

4. Have you heard about the new 3M Cubitron II grit? I'm a skeptic when it comes to new grinding technologies - I don't believe anything until it's proven in the field. But in January I did tests on Cubitron-II cutting discs and the results

were amazing. I'm currently writing a journal article on the subject. They're now putting Cubitron-II into bonded abrasives. We'll see if they perform as well.

5. Are you getting chatter and burn and not sure why? The latest Grinding Doc Video Series shows a common mistake many companies make: choosing a grit size that's too large and then dressing dull to compensate. Check it out.

http://www.youtube.com/watch?v=72cKvcoY_qA

Details on courses can be found at www.TheGrindingDoc.com. If you'd like additional information on PinchMaster 3000 or my work on Cubitron-II grits, email me at JB@TheGrindingDoc.com.

Yours in grinding,

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Brazing Gases – Chemtane 2 and Acetylene

I call my local welding supply store, Pacific welding supply in Tacoma Washington, and told them I wanted to buy a larger oxy - acetylene set up.

They suggested that I try Chemtane2 instead.

I went with their suggestion and I am pretty happy that I did.

Chemtane2 is a much cleaner burning gas than acetylene. It is also cheaper and, according to how I look at things, it is safer.

I think it is a little fussier to get lit. I have to start out slower and make smaller adjustments than I would with acetylene but that could just be my technique.

Sell Your Used Diamond Dressing Tools

Gene Swatek
Diamond Recyclers, LLC

Mr. Swatek's Message

"I'm primarily interested in single point diamond dressing tools. The ones used to dress grinding wheels. The reclaim value is determined by the quality of what the diamond was to begin with and by how much it has been worn down. Also by the size of the diamond. Better quality diamonds have resettable points. If there is enough good diamond left, they can be reused. If you could send me a picture or description of what you have, with a close-up of a used diamond itself, I can give you an idea of what they may be worth. Generally, I need to remove the diamonds, and sort them, before giving a firm price. It all depends on the quality of the diamonds.

I have been in the diamond tool manufacturing industry since 1973. Started with Beck Diamond Products. Worked there for 17 years. I've had my own diamond tool shop in one form or another ever since. Right now I call myself "semi-retired", but seem to busier than ever. With the cost and value of diamonds going through the roof, many companies are coming to me for both recycling their old used tools, and for having me manufacture dressers for hard to dress ceramic and silicon carbide wheels.

Gene Swatek
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eswatek@yahoo.com
diamondrecyclers@yahoo.com
www.diamondalternatives.net
www.diamondrecyclers.net"

On-Line Manual for Every Gun on Earth

<http://stevespages.com/page7b.htm>
This was sent to me by Dick Bernier of Columbia Vista

Jack Daniels Fishing Story

from Dr. Szymani of the Wood Machining Institute

I went fishing one morning but after a short time I ran out of worms. Then I saw a cottonmouth with a frog in his mouth. Frogs are good bass bait. Knowing the snake couldn't bite me with the frog in his mouth I grabbed him right behind his head, took the frog, and put it in my bait bucket.

Now the dilemma was how to release the snake without getting bit. So, I grabbed my bottle of Jack Daniels and poured a little whiskey in its mouth. His eyes rolled back, he went limp. I released him into the lake without incident and carried on fishing using the frog.

A little later, I felt a nudge on my foot. It was that darn snake...with two more frogs.

If You Are A Saw Filer And A Model Railroader We Have A Deal For You



I was Christmas shopping for the grandkids when I saw this model railroad Saw Filer's car. I bought it because it was Christmas and I seemed to be buying everything in sight anyway. Plus I figured there had to be a saw filer who was a model railroader someplace. If you can use this give us a call at 800-346-8274. It will go to the first caller with a good story. It is for HO / O gauge railroads. It is a spectrum 26994 and you can look it up online. Mostly I just thought it was really cool thought somebody might like it.

Getting Stuff in Timber Processing Magazine

Jessica Johnson
Timber Processing / Hatton Brown
jessica@hattonbrown.com
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Country Western Song Titles

9. I Ain't Never Gone To Bed with an Ugly Woman but I Woke Up With a Few
8. If The Phone Don't Ring, You'll Know It's Me
7. I've Missed You, But My Aim's Improvin'
6. Wouldn't Take Her To A Dogfight 'Cause I'm Scared She'd Win
5. I'm So Miserable Without You It's Like You're Still Here
4. My Wife Ran Off With My Best Friend And I Miss Him So
3. She Took My Ring and Gave Me the Finger
2. She's Lookin' Better with Every Beer
1. It's Hard To Kiss the Lips at Night That Chewed My Ass All Day

As I was lying in bed pondering the problems of the world,

I rapidly realized that I don't really give a rat's hiney. It's the tortoise life for me!

- 1.. If walking is good for your health, the postman would be immortal.
- 2.. A whale swims all day, only eats fish, drinks water, and is fat.
- 3.. A rabbit runs and hops and only lives 15 years.
- 4.. A tortoise doesn't run and does nothing, yet it lives for 450 years.

And you tell me to exercise?? I don't think so.

Now that I'm older here's what I've discovered:

1. I started out with nothing, and I still have most of it.
2. My wild oats have turned into prunes and all-bran.
3. I finally got my head together, and now my body is falling apart.
4. Funny, I don't remember being absent-minded.
5. Funny, I don't remember being absent-minded.
6. If all is not lost, where is it?
7. It is easier to get older than it is to get wiser.
8. Some days, you're the dog; some days you're the hydrant.
9. I wish the buck stopped here; I sure could use a few.

10. Kids in the back seat cause accidents.
11. Accidents in the back seat cause kids.
12. It's hard to make a comeback when you haven't been anywhere.
13. The only time the world beats a path to your door is when you're in the bathroom.

Drunk in a Bar

A drunk walks into a tavern. He goes up to a guy sitting at the bar and says "I slept with your mother." The guy ignores him so the drunk says it a little louder. "I slept with your mother." The guy still ignores the drunk so the drunk screams "I slept with your mother." This is too much for the guy at the bar so he turns to the drunk and says "Go home, Dad, you've had too much." From Jen, our UPS driver.

Catch More Fish

Fish typically do not like the scent of people. This is worse for men than women. However we have found a possible solution.

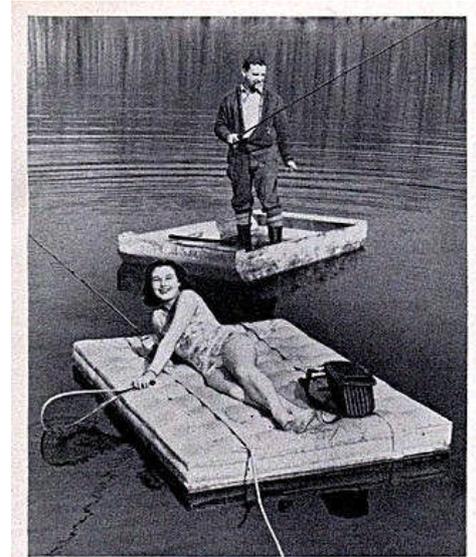


Fish soap - Licorice ~ a fishing soap or for anyone who likes the natural licorice scent that comes from a blend of anise and fennel essential oils. This is a lure for fish, cleans the fish scent and is antibacterial. Ingredients: Food grade plant oils of olive, coconut, palm and soybean, water, essential oils of anise and fennel, herbs, jojoba oil, sweet almond oil and natural vitamin E.

Southern Belles Soap Co.

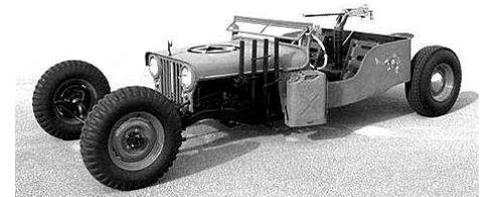
<http://www.sbssoap.com/joomla/>

It is \$6 a bar and I have no idea if it works although the science is right. I have spent a lot more money on goofier fishing stuff so I bought a couple bars.



Mattress Doubles as Life Raft

TAKEN into the wilds on fishing and boating trips, a new "unsinkable" mattress provides safety as well as comfort, for it can be used as a life raft in case of emergency. Made of kapok floss, the mattress will support four people in the water, according to its maker. Its weight of only thirty-seven pounds minimizes the load to be carried. The photograph above shows a striking demonstration of its buoyancy before interested sportsmen at a Sharon, Mass., rod and gun club.



BE Safe – But, if you have to do something stupid, make sure you use lots of wood.



Review of the October Wood Machining Institute Seminar

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www.woodmachining.com

Introduction and Welcome

Ryszard Szymani, Director, Wood Machining Institute (WMI), Berkeley, CA

Economics of Sawing Variation and Potential Gains in Lumber Value Recovery Using Thin Kerf Accurate Sawing and On-line Saw Stability and Sawing Accuracy Control

Ryszard Szymani, Director, Wood Machining Institute (WMI), Berkeley, CA

The value of kerf and target size reduction. Thin kerf accurate sawing and on-line saw stability and sawing accuracy control. To reduce sawing variation you have to quantify process and product variation. Using integrated planning and optimizing system for sawing the logs into lumber grades according to the end user needs, it is possible to increase the sales value of the production by several percent.

The Impact of Steel - Characteristics in the Manufacture and Use of Wood Cutting Bandsaw Blades.

Peter B. Hopper, Director of Sales for Bohler-Uddeholm Precision Strip Steel LLC, Brunswick, OH

This talk will focus on the manufacture of steel strip and how the characteristics of the strip affect the final bandsaw blade. The properties imparted to steel strip during its production have a significant impact on the manufacture and performance of wood bandsaw blades. Discussion - troubleshooting of bandsaw problems as they relate to the steel strip.

Saw Stiffness and Stability Criteria, CSAW Software and Advances in Saw Tensioning and Tension Evaluation – Ryszard Szymani

Advances in research and developments on thin circular and band saw stiffness, vibration and stability control which apply to problems such as unstable or

“snaking” saws. A demonstration of saw vibration and critical speed. A CSAW program for calculation of critical speed. Developments in saw automatic leveling and tensioning methods and latest equipment used for saw stiffness evaluation.

Getting the Most Out of the Saw You Have and Identifying What You Stand to Gain and Lose by Changing its Design.

Warren M. Bird, President, California Saw & Knife Works, Inc., San Francisco, CA

Feed rates, cutting depths and grade requirements must evolve along with market conditions and available raw material. It is critically important to carefully assess the ways in which the design of the sawblade can be changed in order to meet new production goals. In general a thicker saw is required to cut more wood (but not always).

Pushing the Boundaries of Band Saw Performance

Bruce Lehman, Associate Research Leader for Saw and Machine Performance, FP Innovations, Vancouver, B.C., Canada

Consistent sawing performance, whether defined as high speed, high accuracy, or both, can be achieved by ensuring some basic criteria of saw design and machine setup are met. This presentation discusses the engineering limits that must be respected as well as the practical details that cannot be avoided as well as opportunities for pushing these boundaries

Measurement and Analysis of Sawing Accuracy in Machines with Guided Circular Saws: Advances in Scanning Technology are Changing the Game

Warren M. Bird

Standard statistical Q.C. methods are problematic when applied to single- and double-arbor gang edgers using guided saws. Sawing accuracy results in both types of machines are presented to illustrate the problem and to demonstrate a more effective approach.

The evolution of laser-based transverse differential thickness measurement appears to provide a long-term answer in a high production mill environment.

Survey of Some Recent Techniques to Improve Cutting Tool Performance

Thomas J. Walz, President, Northwest Research Institute, Inc. Carbide Processors, Inc., Tacoma, WA

Use, application and economics of advanced materials for cutting tools. Machine coolant maintenance. 17 considerations for analyzing cutting tool wear. European standards for brazing material purity. Economics and availability of new sources for cutting tool materials. Peer to peer communication on the operations level.

Understanding Key Criteria which Impact Sawing, Positioning, Feeding, and Scanning Accuracies

Joe Shields, Senior Mechanical Service Technician, USNR, Woodland Division

This Report will cover troubleshooting procedures and key maintenance criteria impacting sawing, positioning, feeding, and scanning accuracies. We will go into Scanning accuracy only from a mechanical perspective

Safety and Ergonomic Issues in the Wood Industry: Review of Causes of Accidents and How They Can Be Avoided

Ryszard Szymani

The presentation will include information on safety issues during grinding cobalt based alloys during saw maintenance as well as ergonomic issues for sawmill equipment operators. Also included will be examples of accidents during operation of bandsaw headrigs and board edgers, curve sawing gang saws and during trim saw operation and maintenance, their causes and how they could have been avoided. Included in the discussion will be machine design, machine guarding, machine operator location, and latest pictorial warning signs.

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	Hardness (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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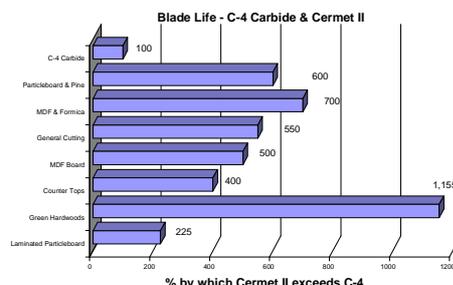


Cermet II® 8 days instead of 5 in MDF

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 life**
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 sharpen 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 sharpened? 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

Testing Finished Saws and Tools

Hit it with a stick



Put the tips on the saw then beat on them with a Stick. I like this because it is a good test.

Many years ago this customer called me in because he was having problems with tip loss. On the way down I stopped to see another customer and asked him if he had a tip loss problem, the first guy said he didn't have a problem. I talked to the second guy and then stopped into see the first customer again. Again I asked him if he was having a problem with tip loss. He said that he wasn't having a problem. Sure the tips came off sometimes but it wasn't a problem. The difference was in whether you considered tip loss a problem.



Hit it with a stick problem
Put the tips on the saw then beat on them with a stick

Problems:

1. No way to measure the force accurately
 2. Everybody hits differently
 3. This isn't the way impact is applied in actual use
 4. Takes too long
 5. Costs too much
- Benefit: It works

2nd Annual Mike West Saw Filer Fishing Trip - Westport, WA (This year with BBQ & party)



Emily Erskine of Carbide Processors and Fearless Leader Mike West



Miscellaneous Saw Filers Drinking Sodas and Discussing Kerf Reduction

Dinner August 3 & Fishing August 4
Mike West - WestWM@chwa.com
<http://www.pacificmotelandrv.com/facilities.htm>

This year is going to be a combination salmon / bottom fishing trip. If the salmon are biting well, we will catch salmon. If the salmon don't cooperate we will go after bottom fish.

Saturday night will be a barbecue at the motel and RV Park. Mike West found a cool place with a huge pool, 12 motel rooms and a lot of RV parking. I spoke to the nice lady that owns it and she will put us back in our own corner. We are planning to barbecue hot dogs and hamburgers. We will have salads and similar there as side dishes. (Okay – the Brown brothers found it last year but Mike found it this year.)

About all you really need to bring to the party is folding chairs, your choice of beverage and a couple of bucks to kick in for the food. Some guys are real proud of their cooking and are planning on bringing something special. We could maybe use one or two more

people with grills. You can party as late as management will let you **BUT** We have to be at the dock at 4:30 for a 5 o'clock departure. If you are there at 5:01 then you are out of luck.

Heck yes, wives are welcome. About the only reason half these guys are allowed to come is that they have such great wives.

Our Corporate Structure



There is a rumor that the girls really run Carbide Processors. That rumor is true.

On the right is Emily George who is my daughter and runs the carbide, braze alloy and filter systems programs. She has been here about nine years and talks to many people every day. She really knows what works well no matter what your application.

On the left is Emily (Whitney) Whitman. She has been here about three years. She is our ecommerce manager and also knows a great deal about our products and the best use for them.

The big guy in the middle is the owner so they have to let him hang around. He can go on for hours about the science of stuff he has invented. Almost no one cares about all that so they rarely let him answer the phone. Besides, as one customer so clearly put it "the girls are more fun to talk to."

We are very fortunate, as many of you are, to have really bright, charming, hardworking, attractive ladies running things. Give them a call and see what we mean. 800 346-8274

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Tacoma, WA 98409

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INSIDE

- Calendar of educational opportunities
- Still Time To Sign Up For The Sawfiler Barbecue And Fishing Trip
- Simple Method For Testing Finished Saws And Tools
- **Sawfiler Jobs** - Mike West keeps a list email him at westwm@chwa.com

Free Sawfiler Advertising

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Just contact us.
sales@carbideprocessors.com
800 346-8274

Catch More Fish



Sell Scrap and Sludge Now!

The Price Is Still Dropping

The price of tungsten and thus tungsten scrap is dropping. It is down by \$0.50 as I write this and looks to be dropping even more. It is till about \$150 - \$200 per 2# coffee can but that is down from \$350.

Ship Scrap Cheaply

USPS Flat Rate boxes. We recommend 11 x 8.5 x 5.5 size with tape on it. It cost \$10.95 to ship anywhere in the US. It holds maybe \$400 to \$500 worth of scrap. Scrap prices vary daily. Today, July 14, we are paying \$5.35 with braze alloy on it and \$6.30 per pound with no braze alloy. It helps if you put the scrap into coffee cans, boxes, or plastic bottles and then put those in the box.

Speakers Wanted For Saw Filer Meetings – email president@carbideprocessors.com

Can We Sell You Some Carbide, Please?

- **Great Prices**
- **Great service**
- **Standard and Special**
- **Grades to solve breakage and tip loss problems**

Judge a supplier by their guarantee
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