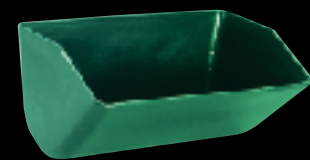


THE MAXI-LIFT BUCKET BULLETIN

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Winter/Spring
2004



IN THIS ISSUE:

THE RIGHT BUCKET FOR YOU 1

Meet Your Territory Managers 2

This Year's GEAPS \$1000 WINNER 3

MAXI-LIFT ANNOUNCES New Tiger-Tuff Sizes 3

TECH TIPS: Maxi-Splice ... 3

MAXI-LIFT.COM BIGGER, BETTER & EASIER TO USE 4

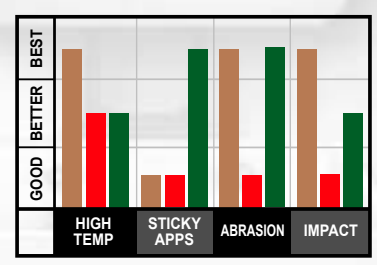


THE RIGHT STUFF FINDING THE RIGHT BUCKET FOR YOU.

One of the most common questions asked by our clients is, "What bucket polymer is best for my application?" For the purposes of this discussion, we will focus on the available plastic resins used in bucket production. To answer this question, multiple factors must be considered. These are:

- **Is the Material Abrasive?**
- **How Does the Material Flow?**
- **Is the Material Sticky?**
- **What is the Temperature?**
- **Is it a Food Grade Material?**
- **What is the Average Lump Size?**
- **What is the Product Density?**

address these factors, or eliminate them from consideration. Many of these overlap, so it is likely there will be two possible choices for most applications.



KEY ■ Nylon ■ Polyethylene ■ Urethane
*Chart represents general material characteristics only. May Vary in use.

This chart shows that each resin has properties that make it ideal for many of the various application factors. However, none of the materials can do it all. There are

often tradeoffs when choosing bucket materials, these must be considered to make sure the customer gets the best value for their investment.

As a general rule, most agricultural applications are easily handled using polyethylene buckets, whereas, most industrial applications using plastic buckets will employ nylon as the material of choice. Urethane can be, and often is used in both categories to address specific application issues. In any application where prolonged chemical exposure is possible, you should check with the manufacturer for any possible bucket degradation.

> Continued on Pg. 4

✓ READ & PASS

MEET YOUR TERRITORY MANAGERS

To continue improving our customer service, Maxi-Lift has designated a territory manager to be your key contact for quoting and ordering Maxi-Lift products. As always, everyone at Maxi-Lift will be more than happy to serve you.



David Hewitt

Western U.S.

- Alaska
- Arizona
- California
- Colorado
- Hawaii
- Idaho
- Montana
- New Mexico
- Nevada
- North Dakota
- Oregon
- South Dakota
- Texas
- Utah
- Washington
- Wyoming



Mario Perez

Mexico and Southeastern U.S.

- All Mexico
- Alabama
- Arkansas
- Florida
- Georgia
- Kentucky
- Louisiana
- Mississippi
- North Carolina
- South Carolina
- Tennessee
- Virginia
- West Virginia



Hope West

Canada and Midwestern U.S.

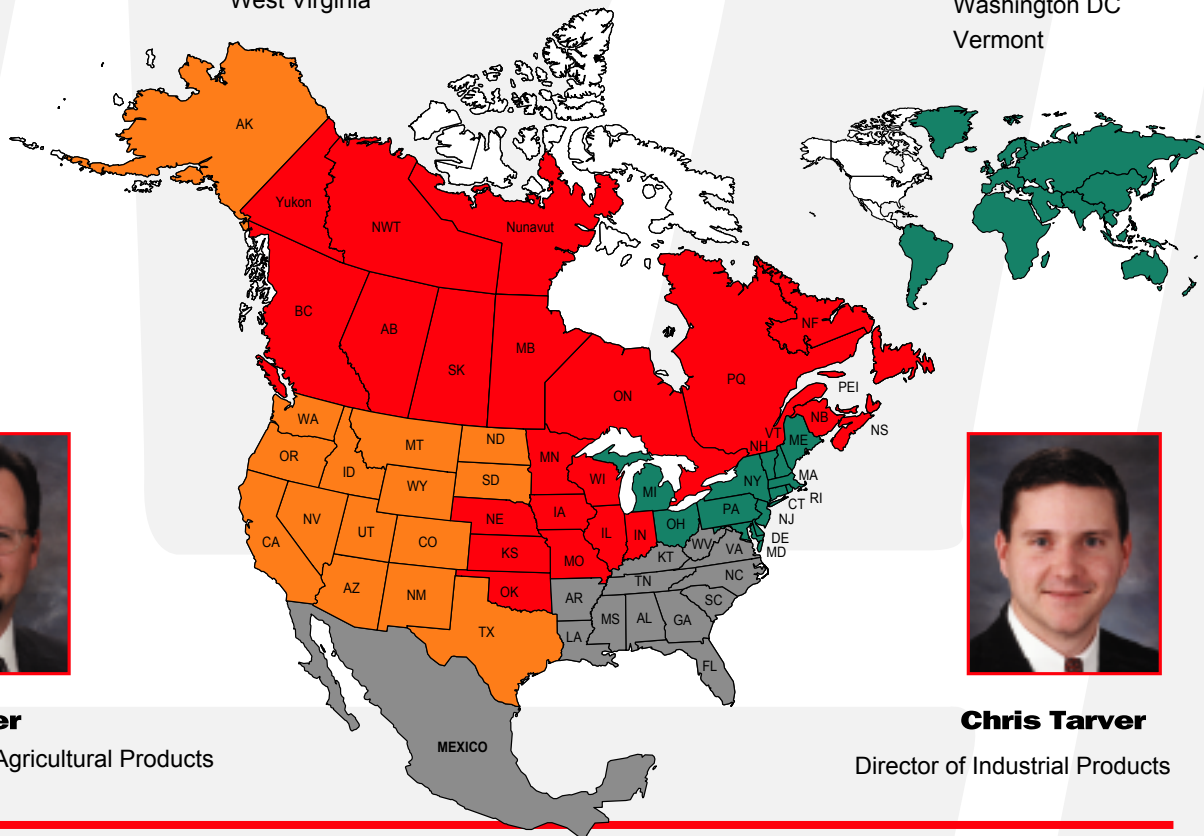
- All Canada
- Kansas
- Illinois
- Indiana
- Iowa
- Minnesota
- Missouri
- Nebraska
- Oklahoma
- Wisconsin



Terry Thomas

North East U.S.- National / International Accounts

- Connecticut
- Delaware
- Maine
- Maryland
- Massachusetts
- Michigan
- New Hampshire
- New Jersey
- New York
- Ohio
- Pennsylvania
- Rhode Island
- Washington DC
- Vermont



Bo Fisher

Director of Agricultural Products



Chris Tarver

Director of Industrial Products

AND THE (GEAPS) WINNER IS...

Congratulations to **Martha Myatt**, wife of Peter Myatt of Great Lakes Elevator in Owen Sound Ontario. Martha was the lucky winner of Maxi-Lift's 2003 GEAPS \$1,000 giveaway held in Columbus Ohio. This was the fifth consecutive year we have given away \$1,000 at the GEAPS Expo. The \$1,000 giveaway is held as a way to say thanks to our loyal customers, and to promote Maxi-Lift's agricultural elevator buckets. This years drawing centered on the critical design features that make the TIGER-TUFF and HD MAX Heavy Duty bucket the two leading choices for agricultural elevators.



In order to win, contestants had to answer a short questionnaire about these features. Answers to these questions were provided in Maxi-Lift's booth, so there were no excuses for incomplete or wrong answers. Contestants also had to be present at the 11:15 am drawing to win. As the time approached, a large crowd gathered around the Maxi-Lift booth waiting for the big moment. Late entrants scrambled to get their questionnaires completed. When the big moment came, Bo Fisher, Maxi-Lift's Ag Sales Manager welcomed the crowd and then drew the winner.

Martha and husband Peter have tucked the money away for their next trip to the states and the GEAPS Expo. **ML**

TIGER[®] TUFF 22x8 & 24x8 AVAILABLE NOW

Maxi-Lift has recently introduced two new sizes of our super heavy Tiger-Tuff elevator bucket. The new sizes, 22X8 and 24X8, have the same great design features to maximize bucket life, but allow new equipment to more easily reach some popular capacity figures. These new sizes can also reduce need for multiple row elevators.

Tiger-Tuff Elevator Bucket

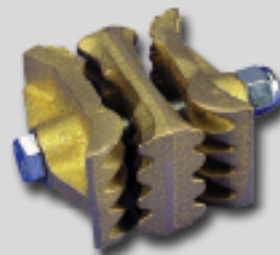
BUCKET SIZE, INCHES**				PUNCHING, INCHES			WEIGHT, LBS.	CAPACITY, CU. INCHES			
BUCKET SIZE	Length	Proj.	*Depth	Centers	Number of Holes	Bolt Size	(Poly) H.D.P.E.	Water Level X - X	Usable 5° over X - 5°	Minimum Spacing	Carton Qty.
22 x 8	23	9-1/4	8-1/4	4	6	5/16	7.85	701.90	757.40	10	6
24 x 8	25	9-1/4	8-1/4	3-1/2	7	5/16	8.50	763.40	831.08	10	6

*If you would like more information, contact any of our staff.
We'll be happy to help.*

TECH TIPS:

The Maxi-Splice belt joiner is one of the most popular in the industry. It is extremely durable and can be used over and over. When removed and reinstalled, be sure to get new nylon insert lock nuts from your local distributor or Maxi-Lift. The locking nylon insert loses its ability to hold if removed and rethreaded.

As always, the Maxi-Splice is NOT rated for manlift belts. Maxi-Lift warns against the use of this type of splice for manlift belts. Contact your manlift manufacturer for instructions on the proper type of splice for your lift. **ML**



Maxi-Lift, Inc.
P.O. Box 700008
Dallas, TX 75370-0008

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For additional information or to suggest article ideas,
contact Editor Bo Fisher at:
Phone: 972.735.8855 • Toll-Free Phone: 800.527.0657
Fax: 972.735.8896 • www.maxilift.com • email: info@maxilift.com

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FINDING THE RIGHT BUCKET FOR YOU

> Continued from Pg. 1

Polyethylene: Polyethylene buckets, more commonly referred to as simply poly, are the low cost option for agricultural applications. Poly buckets have serviceable abrasion and impact resistance and are made from an FDA approved material for food applications. Poly buckets are flexible enough to bypass many obstructions in the elevator while maintaining their shape. In the event of a heavy impact or obstruction, poly buckets can break. This can often save damage to more expensive components such as belting, bearings or pulley shafts.

Nylon: Nylon elevator buckets are most often used in abrasive industrial type applications. This lightweight material is a suitable replacement for cast iron or steel in a variety of applications. The lighter weight reduces wear and tear on chains, sprockets and bearings. Nylon can handle application temperatures of 300°F on a continuous basis, and spikes of up to 350°F. When we consider

temperatures for a bucket, it should be noted that buckets generally don't melt at higher temperatures. As the application temperature reaches the higher limits, the buckets will degrade faster and lose their abrasion resistant properties.

Nylon is generally not a FDA food grade approved material except by special order. Nylon has excellent abrasion and impact resistance. Nylon buckets are manufactured using injection molding techniques or by casting them. High-pressure injection molded nylons perform better long term, than do cast nylon buckets, because cast buckets tend to be porous.

Urethane: Urethane elevator buckets provide some specific benefits that neither of the others can offer. Urethane has built in properties that reduce the adhesion of materials to its surface. This reduces buildup in sticky applications, and ensures that rated capacities are maximized at all times. This helps to

eliminate the need for personnel to "clean" the buckets. Urethane also has the excellent ability to resist sharp particles, which can quickly destroy other non-metallic buckets. Another quality is superior abrasion resistance. Urethane is limited somewhat by temperature, with its upper limit at 180°F constant exposure. **ML**

NEW WEBSITE!



Bigger, Better Online Resource

Check out the new improved Maxi-Lift website. Easier to Navigate and full of great bucket information. www.maxilift.com

Want to be added to the Bucket Bulletin Mailing List?

If you did not receive this publication by mail, send your name, company name, telephone number and address to:

Maxi-Lift, Inc.
P.O. Box 700008
Dallas, TX 75370-0008
or e-mail: info@maxilift.com

visit us online at: www.maxilift.com

That's where you'll find the most interactive bucket web page there is. Stop by and take advantage of the:

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- Engineering Data
- Free Samples
- Latest Newsletter
- Customer Case Studies
- Literature Request Form
- Direct e-mail access to our Personnel