



## November 6, 2013 STLE Lunch Seminar

### Welcome to STLE Houston Chapter's 2013-2014 Lunch Seminar Series!

Our third lunch seminar event of the season will be held on Wednesday, November 6, 2013, starting at 11 AM at Brady's Landing. **Patrick Brutto**, Senior Technical Service & Development Specialist for Dow Consumer & Industrial Solutions will be presenting "**Amines 101 for Metalworking Fluids**". Please reserve the date!

#### **Abstract:**

This presentation will discuss properties of amines and how they function in water-dilutable MWF systems. A variety of amine products are currently used, functioning as neutralizers, pH adjusters and/or pH buffers. Rankings of common products in each area will be shared, which should help formulators and end users decide which are most suitable for a given task. Finally, some of the secondary benefits offered by these products will be discussed (bioresistance effects, etc.).

#### **Speaker:**

Pat Brutto is a Senior Technical Service & Development Specialist for Dow Consumer & Industrial Solutions, a division of The Dow Chemical Company. In this role, Pat leads the technical effort to understand performance benefits of DC&IS products, and works with customers to help solve problems using these chemistries. Prior to joining ANGUS Chemical Co. in 1987 (purchased by Dow in 1999), Pat was technical director for the Magie Bros. division of Pennzoil Products Company, formulating industrial and automotive greases and managing safety and environmental compliance activities.

Pat holds an M.Sc degree in chemistry from DePaul University Chicago, is a Certified Metalworking Fluid Specialist (CMFS), and is immediate past chairman of the Chicago Section STLE.

**Location :** [Brady's Landing Restaurant](#), 8505 Cypress Street, Houston, Texas 77012

#### **Schedule:**

11:00AM - 11:30AM: Arrival / Social

11:30AM - 12:00PM: Full Buffet Lunch

12:00PM - 1:00PM: Business Meeting and Technical Presentation

#### **Fees:**

Students \$10, Members \$30, Non-Members \$35

Cash/check only accepted at the door – or **pre-pay** by credit card until the Monday prior to the meeting using the Paypal link on our [Calendar webpage](#)

The STLE Houston Section's Monthly meeting provides a platform to network, advance your knowledge, learn current trends in tribology, lubrication and related industries, share good food, and much more. Do not forget, there will be door prizes for the lucky winners of the day. Come early and network with your lubricant colleagues.

Click here for directions.

[Brady's Landing Restaurant Website](#)

### STLE Houston Section Calendar of Events (2013 - 2014)

November 6, 2013	Lunch Seminar - Pat Brutto of Dow Chemical will be presenting " <i>Amines 101 in Metal Working</i> "	Brady's Landing
December 3, 2013	Evening Meeting - Social 7:30 – 9:30 PM Rob Heverly of Vanderbilt Chemicals will be presenting " <i>State of the STLE</i> "	St. Arnolds Brewery, Houston
January 8, 2014	Lunch Seminar - TBD	Brady's Landing
February 5, 2014	Lunch Seminar - TBD	Brady's Landing
March 5, 2014	Houston Section STLE 2014 LUBE SCHOOL	University of Houston
April 8, 2014	STLE 2014 Houston Annual Golf Challenge	Kingwood Country Club
May 7, 2014	Lunch Seminar - TBD	Brady's Landing
May 18 – 22, 2014	STLE 2014 Annual Meeting & Exhibition	Lake Buena Vista, Florida