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**Meeting Fees**

STLE Members - \$45

Non-Members - \$55

Students - \$20

Retirees, transition members - \$25

(Includes meal, refreshments & talk.

Subject to change without notice and add \$5 if not pre-registered)

**Section Sponsors**

# STLE Toronto Section

January 2011 Newsletter



**Tuesday, January 11, 2011**

The Old Mill  
21 The Old Mill, Toronto, Ontario  
(Click [HERE](#) for directions)

5:30 - 6:00 pm Hospitality  
6:00 - 7:15 pm Dinner  
7:15 Technical Presentation

**Topic:** A Review of Grease Compatibility

**Presenter:** Nicolas Samman, Manager, Grease Product Development, Petro-Canada

**Abstract:** If switching greases is contemplated or becomes a necessity, then a fundamental factor must be considered, that is grease compatibility. Several types of grease incompatibilities can occur, which will be outlined and discussed. This means, grease incompatibility is not solely dependent on the thickener system.

Although several grease compatibility/incompatibility charts are published, they act only as a general guide because grease incompatibility is hard to predict. As a result exhaustive compatibility testing is warranted to prevent significant cost and time delay due to long term maintenance problems or equipment damage. The primary test procedure used is ASTM D6185 and will outlined and discussed as well as other approaches. Several suggestions and recommendations will made to address the grease incompatibility.

**Biography:** Nicolas received a B. Sc. (Honours) in Chemistry in 1969, and a Ph. D in Chemistry in 1972 from Queen's University of Belfast, N. Ireland. After completing two years of post-doctoral research, he joined the Chemistry Dept. staff at the University of Zambia, Lusaka in 1974 for three years. 1978-1980 he was employed by the Hydrocarbon Research Centre, University of Alberta, Edmonton, Canada, to conduct research in the field of upgrading tar sand bitumen.

Since 1980, he has been involved in various research activities with Gulf Canada and now Petro-Canada Lubricants/Suncor Energy which include upgrading bitumen and residua, catalytic hydrotreating, development of long service life lubricants and development / marketing of greases. He



co-authored a patent for a bitumen upgrading process and authored a number of technical papers (NLGI, STLE and CIM). His current position is Manager, Grease Product Development. He is a member of the Royal Society of Chemistry and is a Chartered Chemist. He is a member of the NLGI and STLE. He is the recipient of the NLGI Author Award for best paper in 1992 and the Chevron Products NLGI Award for outstanding technical paper in 1996 and 2007. He was also recognized as a finalist in the Best Product Development Team Category for the International Stevie Business Awards in 2007 for his development work on greases with antimicrobial efficacy. He is the recipient of the NLGI Fellows Award in 2009.

STLE members and guests register with Ed Milanczak at [emilan@cogeco.ca](mailto:emilan@cogeco.ca)



Also, please pass this along to others in your company or to colleagues.

## **STLE Toronto Section 2011 Education Day**

**February 8, 2011**  
**The Old Mill, Toronto Ontario**

### **Lubrication Time Capsule**

A snapshot of basic lubrication today with a forward looking perspective on emerging technologies.

Course includes: Lubricated Applications and Equipment, Base Oils: Mineral Base Derived and Synthetic (Grp IV and Grp V), Additives Used in Formulations, Nanotechnology and MR Fluids



Speakers from Chemtura, Eco Fluid Center Ltd, Enrol Inc and Lubrizol.

For more information [CLICK HERE](#)

To register ONLINE [CLICK HERE](#)



## STLE 2011 Annual Meeting

Registration is now open!

**Where:** Hilton Atlanta in Atlanta Georgia

**When:** Sunday, May 15-19, 2011

The STLE Annual Meeting will showcase more than 350 technical papers, application based case studies, and best practice reports and discussion panels on current technical and market trends. The meeting also offers education courses that support professional development and prepare people for one of STLE's three certification programs. Exhibits and commercial presentations spotlight the latest products and services geared toward lubrication professionals.



[Register for STLE Annual Meeting](#)

[Preliminary Program at a Glance](#)

[Session Schedule](#)

[Education Course Offering](#)

[Exhibitor information](#)

## Coming January 19 2011: STLE Webinar on The Future of Automotive Propulsion



The worldwide demand for automotive transportation remains strong even as the price of conventional fuels fluctuates. Automakers are expanding the use of fuel-saving technologies such as variable valve actuation, cylinder deactivation, additional forward-speed transmissions, and hybrid powertrains. In addition, vehicles which run on Compressed Natural Gas (CNG) and alcohol-gasoline blends (such as E85) are commercially available. One automaker has also demonstrated a hydrogen fueled, internal combustion engine vehicle and is aggressively pursuing fuel cells for automotive transportation in the future.



The presenter for this webinar is Ed Becker, Past President and Fellow of STLE. He holds a Ph.D. in Mechanical Engineering from the University of Michigan and has been with General Motors for over 27 years, mostly in the Powertrain division working on a variety of GM engines and transmissions. He is a licensed Professional Engineer in Michigan.

Register for the Future of Automotive Propulsion Webinar [here](#)



2011 Webinar Schedule click [here](#)

### **Upcoming Speakers - STLE Toronto Section Meetings**

February 10, 2011 - Karen Levins, Cantox, on Chemical Management in Canada

### **November Meeting Highlight**



Ed Hessel of Chemtura, Chemtura and a dinner speaker, Marco Ottavino - ASHRAE Tech Transfer Chair, Chris Barnes of Honeywell and a dinner speaker, Michael Wadham - ASHRAE Toronto Chapter President, and Wayne Mackwood of Chemtura - Chair of STLE Toronto.

## STLE Membership Pins

The STLE has sent the Toronto Section Membership pins to be given to our members at the February 2011 Diner Meeting. Our thanks to these members and their companies for supporting STLE and our Section.

### 50 years

Mr. M. J. Oreilly  
Mr. Geoffrey Dyson Weir

### 40 years

Mr. Kris Bajaj  
Mr. Ben Beekhoo

### 35 years

### 10 years

Mr. J. Richard Quinn  
Mr. Graham H. Stratford  
Mr. Edmund W. Milanczak  
Mr. Joseph J. Antoniazzi  
Mr. Mathieu Francois Noualy  
Mr. Jonas Brand  
Mr. Christopher M. Barnes  
Dr. Luc Girard

Mr. Muhammad Samiullah

**30 years**

Mr. Kenneth J. Brown  
Mr. Werner Dewald  
Mr. Brian J. MacLellan  
Mr. Larry J. Baker  
Mr. R. Eric Buckberrough  
Mr. Brian J. Milner

**25 years**

John Bingham Medley  
Mr. Richard Rotherham  
Dr. George Staniewski, P. Eng  
Mr. Vincent Rakchaev

**20 years**

Mr. Lorne F. Brock  
Mr. Ronald F. Buckle  
Mr. Ronald Muir  
Mr. James Harold Arner  
Mr. Tony Stranges  
Mr. Romy B. Alon  
Mr. Paul E. Sampson  
Mr. James Szeto  
Mr. Donald G. McEachern  
Dr. Nicolas Samman  
Mr. Richard P. Kwiatkowski  
Mr. Andrew J. McGivern

**15 years**

Mr. Wayne A. Mackwood  
Mr. William A. Quesnel  
Dr. Waldemar M. Dmochowski  
Mr. Mario Tammaro  
Mr. Edward M. Austin  
Dr. Vladimir I. Klotchikhine  
Mr. Kirk McNaughton  
Mr. Edward N. Sunghing  
Mr. Dick H. Van Delft

Dr. Inga Kuksis  
Mr. Paul W. Michaluk  
Mr. Tony Stranges  
Mr. William S. Bradley  
Mr. Denedy D. Eng  
Mr. Thangavel Rathina Kumar  
Mr. Campbell Ian Sidders  
Mr. David N. Hermans

**5 years**

Mr. Tara Singh  
Mr. John N. Pettingill  
Mr. Gustavo Velasquez  
Ms. Kimberly A. Kriebler  
Dr. Jun Liu  
Mr. David Andrew Dragert  
Dr. Arnold E. Legzdins  
Dr. Jean Victoria Reid  
Dr. Mark A. Nicholls  
Mr. Gavin M. Pereira  
Mr. Gregory Dalton  
Mr. Simon A. Malek  
Mr. Thomas Cipriani  
Mr. Behshad Sabah  
Mr. Randy J. Ikenouye  
Mr. Peter Grondin  
Mr. David Scott Anderson

## 2010 - 2011 STLE Toronto Section Board

<b>Chair</b>	Mr. Wayne A Mackwood	Chemtura Canada Co/Cie	416-724-3653 <a href="mailto:Wayne.mackwood@chemtura.com">Wayne.mackwood@chemtura.com</a>
<b>Vice Chair</b>	Mr. Paul Sampson	Lubrizol of Canada	905-845-9565 <a href="mailto:Paul.sampson@lubrizol.com">Paul.sampson@lubrizol.com</a>
<b>Secretary</b>	Ms. Kimberly A Krieber	Ontario Power Authority	416-969-6205 <a href="mailto:Kimberly.krieber@powerauthority.on.ca">Kimberly.krieber@powerauthority.on.ca</a>
<b>Treasurer</b>	Mr. Ed Milanczak		416-702-3107 <a href="mailto:emilan@cogeco.ca">emilan@cogeco.ca</a>
<b>Membership</b>	Mr. Behshad Sabah	H.L. Blachford Ltd.	905-823-3200 ext. 471 <a href="mailto:bsabah@blachford.ca">bsabah@blachford.ca</a>

We look forward to another great year with the Toronto Section of STLE. If you have any suggestions or would like to see anything specific in our monthly newsletters, please don't hesitate to contact Ken Brown, Eco Fluid Center Ltd, at 416-466-3144 or via email at [kenbrown@fluidcenter.com](mailto:kenbrown@fluidcenter.com).

Sincerely,

STLE - Toronto Section

Email Marketing by

