NLGI India Chapter

14th Lubricating Grease Conference

Theme

Lubricating Greases - Driving Technologies

February 2 – 4, 2012
at
Hotel Clarks Amer, Jaipur, India
NLGI-USA

NLGI-USA, a premier society in the field of lubricating grease research, spans over 50 countries with more than 300 corporate members. Since 1933, NLGI is providing service to Grease industry through seminars, education courses and workshops besides funding basic research projects, conducting round robin tests, assisting Government on grease & environmental related issues, etc. It has links with many other societies such as European Lubricating Grease Institute, China Lubricating Grease Institute, Latin America Lubricating Grease Institute, Japan Lubricating Grease Institute, etc., thereby providing a global platform for sharing Grease industry information. With an objective to serve Grease industry in a better way, the society also forms local chapters in different countries.

NLGI – India Chapter

India Chapter of NLGI was formed in 1997. It has since been the most active chapter of NLGI, USA. It is rendering services to Indian Grease industry by way of conducting education courses on various grease related subjects relevant to consumers / manufacturers, organizing round robin tests on various test methods, conducting grease conferences and publishing quarterly journal “Greasetech India”. This society has membership from all major petroleum industries from public sector as well as private sector, other related industries and research institutes, etc. The primary objective of this society is to bring grease industry related people including consumers on a common platform so that their mutual business interests can be shared.

NLGI-India Chapter has so far successfully organized many programs, viz. 14 education courses, 4 round robin tests and published 50 issues of quarterly grease journal “Greasetech India” etc.

Grease Conferences in India

With a view to bring grease & related industries people on a common platform where areas of mutual technical and business interest could be discussed in detail, India Chapter of NLGI
began to organize exclusive grease conferences in India on similar lines as is being done by NLGI-USA.

So far NLGI-India Chapter organized 13 conferences at various places:

- 1st Lubricating Grease Conference, February 11-12, 1999 at Nainital
- 13th Lubricating Grease Conference, February 3-5, 2011 at Ooty

14th Lubricating Grease Conference

NLGI-India Chapter conferences have now become a focal point for grease related industry people to promote their business interest in this part of the world. After the overwhelming response and success of previous 13 conferences, the venue of the 14th conference has been finalized as Jaipur during February 2-4, 2012.

As the conference covers broad spectrum of different aspects related to lubricating greases and gear oils, all those related directly or indirectly to manufacturing of greases, research & development, users, additive and equipment suppliers, marketers, manufacturers of other inputs are invited to participate.

Papers on following topics will be covered in this conference:

- Nano technology development
- Grease lubrication
- Base oils
- Manufacture and process development
- Testing and analytical techniques
- Marketing
- Case studies and trouble shooting
- Additive technology development
- Energy efficient products
- Environmental issues, legislation, trends
- Packaging research
- Biodegradable lubricants
- Tribological aspects of greases
- Advances in equipment technology
- Disposal of lubricants
- Gear and transmission oils
- Synthetic products
- Textile lubricants
- Lubricants for food processing industry
- Girth gear lubrication/lubricants

Theme
Lubricating greases- Driving Technologies

Call for papers

Engineers, scientists, manufacturers, users of lubricating grease and gear oils and those involved in supplying raw materials, equipment & services to this industry are invited to present papers in the conference. To promote research & development in greases and related areas, NLGI- India Chapter gives away awards to the best paper presented during the conference on the name of Late Mr. P.P.C. Gonsalves who made an immense contribution to the development of Indian grease industry. The high level expert committee will scrutinize the papers in terms of technical contents, its suitability for grease industry, style
of presentation, etc. Prospective contributors are requested to forward abstracts by 01-11-2011 followed by full text of paper by 30-11-2011 to:

Dr. E. Sayanna,
Convener, Technical Committee &
Treasurer, NLGI - India Chapter &
Deputy General Manager [Grease & IL]
Indian Oil Corporation Ltd, R&D Centre,
Sector-13, Faridabad – 121 007, India
Mobile: +91-9811476709
Tel: +91-129-221243, Fax: +91-129-2267818
E-mail: sayannae@iocl.co.in

Exhibition

An exhibition has also been planned during the conference. Manufacturers, input / additive suppliers, equipment suppliers, marketers and others who wish to promote their business are invited to put up their stall during the conference.

Exhibition Stall Charges

₹ 50,000/- or US $ 2500 per stall of 3 mtr x 2 mtr size with the structure made by us and free registration for one delegate. Additional delegates have to pay registration fees as usual.

Business Talk Charges

Once again board of NLGI - India Chapter has decided to conduct a session on business talk during the conference. Interested companies / individuals will be given 30 minutes slot for presentation to promote their business interest. The charges are ₹50000/- or US $ 2500 (for foreign companies) which includes free registration for one delegate.

Sponsorship

Like previous conferences, this conference is expected to be sponsored by various reputed organizations from India as well as abroad including NLGI, USA.

Following categories have been finalized for sponsoring this event:

Conference Sponsorship*

<table>
<thead>
<tr>
<th></th>
<th>Country</th>
<th>Amount / Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>India: Sponsor</td>
<td></td>
<td>₹ 1,00,000/-</td>
</tr>
<tr>
<td>Foreign: Sponsor</td>
<td></td>
<td>US $ 5000</td>
</tr>
</tbody>
</table>

* This includes free registration for two delegates and one page color advertisement in conference booklet and display of banner during the conference. No foreign delegates can be adjusted against Indian category sponsorship.

All Conference Sponsors can additionally sponsor the following items, details of which are as under :-

<table>
<thead>
<tr>
<th>Sponsorship for</th>
<th>No. of sponsors</th>
<th>Amount / Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lunch</td>
<td>upto 4 nos.</td>
<td>₹ 50000/- or above (US $ 2500 or above)</td>
</tr>
<tr>
<td>Dinner</td>
<td>upto 6 nos.</td>
<td>₹ 50000/- or above (US $ 2500 or above)</td>
</tr>
<tr>
<td>Cultural Program</td>
<td>Upto 2 nos.</td>
<td>₹ 50000/- or above (US $ 2500 or above)</td>
</tr>
</tbody>
</table>
To reiterate, those desiring to sponsor any of the above three items should also be
Conference Sponsors. To illustrate further, any company sponsoring a Cultural program
would be sponsoring ₹1,50,000/- (US $7500) or above (₹1 Lakh for Conference and ₹50,000/-
or above for Cultural program). This would entail the party – (i) Free registration for
3 delegates (2 + 1), (ii) Logo display at Conference and also at the venue of Cultural
Program, and (iii) one page Colour Advertisement in the Conference Booklet.

**Registration Fees**

<table>
<thead>
<tr>
<th>Before December 31, 2011</th>
<th>Indian</th>
<th>Overseas*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presenting Authors</td>
<td>₹3,000/-</td>
<td>US $150</td>
</tr>
<tr>
<td>NLGI-IC Members</td>
<td>₹6,000/-</td>
<td>US $200</td>
</tr>
<tr>
<td>Non-Members</td>
<td>₹10,000/-</td>
<td>US $450</td>
</tr>
<tr>
<td>Students / Retired Officers</td>
<td>₹3,000/-</td>
<td>US $150</td>
</tr>
</tbody>
</table>

After December 31, 2011

| NLGI-IC Members          | ₹7,000/-| US $300   |
| Non-Members              | ₹12,000/-| US $600  |

*All overseas delegates are requested to pay in foreign currency only.

**Mode of Payment**

Payment may be made by A/c payee at par cheque or DD in favor of NLGI India Chapter payable at Faridabad, India or through Electronic Transfer. The Electronic transfer details are to be submitted to India Chapter only based on which the receipt will be issued to the delegates.

**Vendor Name**
- National Lubricating Grease Institute – India Chapter

**Name of Bank**
- State Bank of India

**Address**
- IOC Complex, Sector-13, Faridabad-121 007

**City**
- Faridabad

**9 digit code of Bank**
- 110002466

**Type of Account**
- Savings Bank

**Account Number**
- 31030558492

**Year of opening Account**
- 2010

**IFSC code**
- SBIN0010449

**Bank Swift code for foreign exchange**
- SBININBB381

Organizers have selected Hotel Clarks Amer, Jaipur as the venue for the conference. Special room rates (inclusive of taxes) have been offered for the conference.

- **Indian Delegates**
  - Hotel Clarks Amer Jaipur
    - Standard Room Single/day: ₹3,900/-
    - Standard Room Twin Sharing: ₹4,300/-
    - Standard Room Triple Sharing: ₹5,550/-
    - Suite: ₹11,000/-

  Tariff for foreign delegates will be charged in foreign exchange equivalent to tariff being charged to the Indian delegates.
• Indian Delegates Hotel 1589 Shrivihar, Jaipur

Standard Room: ₹ 1800/-
Single/day

Standard Room: ₹ 2200/-
Twin Sharing

**Note:** As limited number of rooms have been blocked by NLGI - India Chapter on above rates and will be allotted on first come first serve basis, it is therefore requested to send your room requirement by 31<sup>st</sup> December 2011 to avoid any last minute disappointment. Accommodation requests will be accepted only if credit card number is given.

**Special Attraction for Spouses:** Organisers have planned some special interesting programmes to make spouse trip more attractive & memorable.

**Tentative Conference Programme:** Kindly note that the conference starts with the inauguration on 2<sup>nd</sup> February, 2012 and will continue up to 4<sup>th</sup> February, 2012 till late afternoon. Participants are requested to make their travel plan accordingly.

**2<sup>nd</sup> February 2012**

09:00 am – 04:00 pm Registration
04:00 pm – 04:30 pm High Tea
04:30 pm – 05:30 pm Inauguration
05:30 pm – 06:30 pm Plenary Session
06:30 pm – 07:30 pm Technical Session-I
07:30 pm – 10:00 pm Welcome Dinner

**3<sup>rd</sup> February 2012**

06:00 am – 07:00 am Sports / Fun games
09:00 am – 11:00 am Technical Session-II
11:00 am – 11:30 am Tea Break
11:30 am – 01:00 pm Business Talk
01:00 pm – 02:00 pm Lunch
02:00 pm – 03:30 pm Technical Session-III
03:30 pm – 04:00 pm Tea Break
04:00 pm – 05:30 pm Technical Session-IV
07:00 pm – 10:00 pm Conference Banquet

**4<sup>th</sup> February 2012**

09:00 am – 11:00 am Technical Session-V
11:00 am – 11:30 am Tea Break
11:30 am – 01:00 pm Technical Session VI
01:00 pm – 02:00 pm Concluding Session
02:00 pm – 03:00 pm Lunch
Exhibition on all the three days.

Jaipur

Jaipur is located in the desert lands of Rajasthan. Founded in AD 1727 by Sawai Jaisingh II, Jaipur the capital of Rajasthan is popularly known as the ‘Pink City’ because of the colour of the stone used exclusively in the walled city. Here past comes alive in magnificent forts and palaces, where once lived the Maharajas. The city comprises the famous structures like Hawa Mahal, City Palace and Amber Fort, the best architectural examples of India. Artistic temples and gardens of Jaipur, mark the atmosphere of serenity and aestheticism to the lands of Rajasthan. The bustling bazaars of Jaipur, famous for Rajasthani jewellery, fabric and
embroidered leather shoes, blue pottery, possess a timeless quality and are surely a treasure for the shoppers. The lively city observes its ethnicity by celebrating various festivals like Kite festival, Elephant festival and many others of Indian origin. In the present date, Jaipur is the major business centre for the natives of Rajasthan with all requisites of a metropolitan city. The city of Jaipur, painted in pink, grasp the appreciation of every visitor. Jaipur is the reservoir of Indian customs, traditions, civilization and legacy.

**Jaipur climate**

Situated at an altitude of 431m above sea level, Jaipur has extreme type of Climate and observes three main seasons, summer, monsoon and winter respectively. Summers are extremely hot with shining sun over head. The summer season persists from mid-March to June reaching to the maximum temperature of 45° C. The showers of Monsoons come usually in the month of July preceded by dust and thunderstorms. The city doesn't receive much rain. During the post-monsoon season in September, Jaipur gets hot spell once again. In winters, the city of Jaipur observes bright and pleasant sunny days, though the temperature can reach a low of around 5° C during the nights. However, the nights in winters are bitterly cold. Frequent problem in winter season is fog that covers the whole city in the evening. Winters dominates the land of Jaipur from the month of October till the month of March. The best time to visit Jaipur is during winters, when the weather is pleasant and very favorable to travel around the royal city of Jaipur.

**Hotel Clarks Amer Jaipur**

Hotel Clarks Amer Jaipur is one of the finest five star hotels in Jaipur. Hotel Clarks Amer Jaipur is situated in a green residential area, in the heart of the city. Known for its fine hospitality and personalized service, Clarks Amer belongs to Clarks Group of Hotels. The hotel Clarks Amer is located just two and a half kilometres from the airport and 12 kilometres from the railway station. When you check into Hotel Clarks Amer, the tranquility, ambience and culinary delights add to a wonderful experience. Hotel Clarks Amer Jaipur is India's first ISO 9001:2000 accredited hotel by QSI, USA and it has also attained ISO 14001:2004 certification. The Environment friendly Hotel has extended its high standards of services to many distinguished guest, business delegates and tourists.

**How to Reach Jaipur**

**By Air**

Jaipur Airport is located near Sanganer at a distance of 13 kms from the city of Jaipur. Many domestic airlines connect the city to all the major cities of India including Udaipur and Jodhpur as well. Flights for Delhi and Mumbai run on a regular basis. The airport has been granted the status of an international airport and connects to the foreign cities too.

**By Rail**

The vast rail track of Indian Railways connects Jaipur station with all other cities of India. There are numerous trains which run on a regular basis to and from Jaipur.

**By Road**

Jaipur is well connected by road to major cities in India. This mode of traveling is quite easy and comparatively cheap. Regular bus services from nearby cities connect Jaipur to the other cities. Deluxe Buses, AC coaches and Government buses are available for the convenience of the passengers.
**IMPORTANT DATES**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Receipt of Abstract of papers</td>
<td>01.11.2011</td>
</tr>
<tr>
<td>Receipt of Manuscript of papers</td>
<td>30.11.2011</td>
</tr>
<tr>
<td>Receipt of confirmed hotel booking</td>
<td>31.12.2011</td>
</tr>
</tbody>
</table>

* Subject to availability

For further details please contact:

Mr. K. Ravi,
Deputy General Manager [P & AD] &
Secretary , NLGI - India Chapter
Bharat Petroleum Corporation Ltd,
Sewree, Mumbai, India
Mobile: +91-9819009015
Tel: 91-22-24176352, Fax: 91-22-24117901
E-mail: ravik1885@bharatpetroleum.in

## CONFERENCE COMMITTEES

### ORGANISING COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>K. Ravi</td>
<td>DGM (P&amp;AD)</td>
<td>Bharat Petroleum Corporation Ltd.</td>
</tr>
<tr>
<td>Dr. T. Singh</td>
<td>Sr Manager - Customer Services</td>
<td>Bharat Petroleum Corporation Ltd.</td>
</tr>
<tr>
<td>Dr. E. Sayanna</td>
<td>DGM (GR&amp;IL)</td>
<td>Indian Oil Corporation Ltd., R&amp;D</td>
</tr>
<tr>
<td>Rafiq Ahmed</td>
<td>Manager - HR</td>
<td>Indian Oil Corp. Ltd., Mktg., Jaipur</td>
</tr>
<tr>
<td>V. Raghunathan</td>
<td>Chief Manager - TS</td>
<td>Hindustan Petroleum Corp. Ltd.</td>
</tr>
<tr>
<td>Sudhir Sachdeva</td>
<td>Chief Executive</td>
<td>Siddartha Petro Products</td>
</tr>
</tbody>
</table>

### TECHNICAL COMMITTEE

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. E. Sayanna</td>
<td>DGM (GR&amp;IL), Convener</td>
<td>Indian Oil Corporation Ltd.</td>
</tr>
<tr>
<td>Dr. Balram Ghosh</td>
<td>AGM(R&amp;D)</td>
<td>Balmer Lawrie &amp; Co. Ltd.</td>
</tr>
<tr>
<td>B. S. Nagarkoti</td>
<td>Sr. Manager-R&amp;D</td>
<td>Hindustan Petroleum Corp. Ltd.</td>
</tr>
<tr>
<td>N. R. Bhoopatkar</td>
<td>Senior Vice President</td>
<td>Apar Ltd</td>
</tr>
<tr>
<td>V. P. Deshmukh</td>
<td>GM (R&amp;D)</td>
<td>Sidharth Petro Products</td>
</tr>
<tr>
<td>Dr. J. Bhatia</td>
<td>Director</td>
<td>Envirotech (India) Ltd.</td>
</tr>
<tr>
<td>Dr. T. Singh</td>
<td>Sr Mgr - Customer Services</td>
<td>Bharat Petroleum Corp. Ltd.</td>
</tr>
<tr>
<td>Name</td>
<td>Position</td>
<td>Company</td>
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</tr>
<tr>
<td>D. S. Chandavarkar</td>
<td>MD, Convener</td>
<td>Standard Greases</td>
</tr>
<tr>
<td>R. N. Ghosal</td>
<td>General Manager</td>
<td>Tide Water Oil Co. (I) Ltd.</td>
</tr>
<tr>
<td>Cherian Kavalam</td>
<td>Managing Director</td>
<td>Turbhe Chemicals Pvt. Ltd.</td>
</tr>
<tr>
<td>Dr. Y. P. Rao</td>
<td>Vice President - Technical</td>
<td>Gulf Oil Corpn Ltd.</td>
</tr>
<tr>
<td>Sudhir Sachdeva</td>
<td>Chief Executive</td>
<td>Siddharth Petro Products</td>
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