21st Lubricating grease conference
ON “LATEST TRENDS IN GREASE INDUSTRY”

Hotel Taj Vivanta Guwahati, Assam, India
February 7-10, 2019

www.nlgi-india.org
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Guwahati, Assam, India
February 7-10, 2019

Mr. D. S. Chandavarkar
President NLGI India Chapter
CMD, Standard Greases & Specialities Pvt. Ltd.

Mr. R N Ghosal
Conference Chairman
Managing Director, Tide Water Oil Co. (India) Ltd.

Organising Committee

Sanjana Baruah
AM, Marketing (Service)
Tide Water Oil Co. (India) Ltd.

Dr. T. Singh
Dy. General Manager-CS
Bharat Petroleum Corp. Ltd.

Dr. N.K. Pokhriyal
Chief Research Manager
Indian Oil Corporation Ltd.

Sri Susibrat Sarma
Chief Manager - TS
Indian Oil Corporation Ltd.

Mr. M. Janardhan
Manager (Adm.)
Standard Greases & Specialities Pvt. Ltd.
Technical Committee

Dr. T. Singh  
Dy. General Manager-CS  
Bharat Petroleum Corporation Ltd

Dr. E. Sayanna  
Chief Technology Officer  
Siddharth Grease & Lubes Pvt. Ltd.

Dr. J. Bhatia  
Director  
Environtech (India)

Dr. Deepak Saxena  
Executive Director, R&D  
Indian Oil Corporation Ltd.

Mr. N R bhoopatkar  
Sr. Vice President, Tech. Services  
Apar Industries Ltd.

Dr. Balram Ghosh  
Vice President, R&D  
Balmer Lawrie & Co. Ltd.

Mr. N.S. Ramanathan  
Sr. Vice President (Tech)  
Standard Greases & Specialities Pvt. Ltd.

Finance Committee

Mr. Vinod Vyas  
Joint Managing Director  
Standard Greases & Specialities Pvt. Ltd.

Dr. Y.P. Rao  
Chief Technology Officer  
Gulf Oil International Group

Mr. Sudhir Sachdeva  
Managing Director  
Siddharth Grease & Lubes Pvt. Ltd.
Lubricating grease conference - A brief summary

NLGI-USA

NLGI-USA, a premier society in the field of lubricating grease, spanning over 50 countries with more than 230 corporate members. Since 1933, NLGI is providing service to grease industry through annual general meetings/conferences, education courses, working groups on various grease related issues, funding basic research projects, conducting round robin tests, etc. It has links with other societies such as European Lubricating Grease Institute, China 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 and it has since been very active and 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, research institutes, etc. The primary objective of this society is to bring grease industry related personnel including consumers on to a common platform so that their mutual business interests can be discussed and shared. NLGI-India Chapter has so far successfully organized many programs, viz. 20 Grease Education Courses, 4 Round Robin tests and published 64 issues of “Greasetech India”, etc.

Grease Conferences in India

with a view to bring grease & its allied industries people on to a common platform where areas of mutual technical and business interest could be discussed in detail. India Chapter of NLGI has been organizing exclusive grease conferences in India on similar lines as is being done by its parent body, NLGI-USA.

So far NLGI-India Chapter has organized 20 conferences at various exotic locations:

- 1st Lubricating Grease Conference, February 11-12, 1999 at Nainital in Uttarakhand
- 20th Lubricating Grease Conference, February 1-4, 2018 at Amritsar in Punjab

21st Lubricating Grease Conference

NLGI-India Chapter conferences have now become a focal point for grease related industry personnel and users to promote their business interest in this part of the world. After overwhelming response and success of previous 20 conferences, the venue of the 21st Conference has been finalized as Hotel Taj Vivanta at Guwahati, Assam to be held during February 7-10, 2019.
Guwahati - The Light of the East

Guwahati is the largest city in Assam and Northeast India. Dispur, the state capital, is situated within the city. The city is the second-largest metropolitan area in eastern India after Kolkata and one of the fastest developing cities in India. It is considered to be the gateway to northeast India.

The Kamakhya temple situated atop the Nilachal hill is an important site for tantric Hinduism. Besides Kamakhya, Guwahati has several ancient Hindu temples including the Umananda Temple, Navagraha Temple and Basistha Temple. Hajo is an important pilgrim center for Hindus, Muslims and Buddhists.

As the second largest commercial tea production region in the world after China, Guwahati is an important tea trading center. The Guwahati Tea Auction Center (GTAC) is among the busiest tea trading facilities in the world.

Guwahati is among the 100 fastest growing cities of the world and the fifth fastest growing among Indian cities. It is a major commercial and educational center of eastern India.

The city and its surrounding areas are rich in wildlife. Kaziranga National Park, known for its famous resident the one-horned Indian rhinoceros, is 214 km away.

Places to visit in Guwahati
- Kamakhya Temple
- Assam State Museum
- Umananda Temple
- AlfreSCO Grand
- Nehru Park
- Guwahati Planetarium
- Guwahati Zoo
- Pobitora Wildlife Sanctuary
- Navagraha Temple
- Madan Kamdev
Abstract Submission

As the conference covers broad spectrum of different aspects related to lubricating greases and gear oils, all those related directly or indirectly to manufacturing, research & development, users, additive & equipment suppliers, marketers, manufacturers of other inputs, etc. are invited to participate. Papers on the following topics will be covered in this conference:

Topics
- Grease lubrication
- Base oils / Additive technology
- Manufacture and process development
- Testing and analytical techniques
- Marketing
- Case studies and trouble shooting
- Lubricants for Electric Vehicles
- Energy efficient products
- Environmental issues, legislation, trends
- Packaging Research
- Biodegradable Lubricants
- Tribiological Aspects of Grease
- Advances in Equipment Technology
- Disposal of Lubricants
- Gear Oil
- Synthetic Products
- Lubricants for Food Processing Industry
- Girth Gear Lubrication / Lubricants

Engineers, scientists, manufacturers, users of lubricating grease & gear oils and those involved in supplying raw materials, equipment and 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 two best paper awards during the conference in the name of Late Mr. P. P. C. Gonsalves, who made an immense contribution to the development of Indian grease industry. A panel of grease experts will scrutinize the papers in terms of technical contents, its suitability for grease industry, style of presentation, etc. The recipient of the best paper award will be considered for nomination to attend and present the selected paper in the next NLGI-USA AGM. This is subject to the acceptance of the paper for presentation by NLGI-USA technical Committee.

Important Dates

<table>
<thead>
<tr>
<th>Receipt of Abstract Papers</th>
<th>December 15, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receipt of Manuscript Papers</td>
<td>January 15, 2019</td>
</tr>
<tr>
<td>Receipt of Presentation Papers</td>
<td>January 20, 2019</td>
</tr>
</tbody>
</table>

Prospective contributors are requested to forward abstract by 15-12-2018 followed by full text of paper and power point presentation by 15-01-2019 to:

Dr. Tarunendr Singh
Deputy General Manager - Customer Services
Bharat Petroleum Corp. Ltd., R&D Centre
‘A’ Installation, Sewree (East), Mumbai-400 015
Landline: + 91 22 2417 6354 ;+ 91 22 2411 7605
Mobile: + 91 98 694 33580
E-mail: singhtarun@bharatpetroleum.in
Registration

Registration fees for Indian delegates includes registration Fee + 18% Goods & Services Tax (GST)

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Before 31st December, 2018</th>
<th>After 31st December, 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Delegates</td>
<td>US$ 350</td>
<td>US$ 500</td>
</tr>
<tr>
<td>Indian Delegates</td>
<td>INR 11,800</td>
<td>INR 12,980</td>
</tr>
<tr>
<td>Students/Academia/Retired Officers from Public Sector Undertaking</td>
<td>INR 7,080</td>
<td>INR 7,080</td>
</tr>
<tr>
<td>Accompanying Person</td>
<td>INR 7,080</td>
<td>INR 7,080</td>
</tr>
</tbody>
</table>

Note:
1. GST Number: 06AAATN7389M2ZZU (GST Number of National Lubricating Grease Institute (NLGI) India Chapter
2. All overseas delegates are requested to pay in foreign currency only
3. Students/Academia/Retired Officers/Accompanying Person will not be eligible for kit bag and kit items

Bank Transfers should be made to the following account:

<table>
<thead>
<tr>
<th>Vendor name</th>
<th>National Lubricating Grease Institute - India Chapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the Bank</td>
<td>State Bank of India</td>
</tr>
<tr>
<td>Address</td>
<td>IOC Complex, Sector-13, Faridabad-121 007, Haryana, India</td>
</tr>
<tr>
<td>9 Digit Code of the Bank</td>
<td>110002466</td>
</tr>
<tr>
<td>Type of Account</td>
<td>Savings Bank</td>
</tr>
<tr>
<td>Account Number</td>
<td>31030558492</td>
</tr>
<tr>
<td>IFSC Code</td>
<td>SBIN0010449</td>
</tr>
<tr>
<td>Swift Code for Foreign Exchange</td>
<td>SBININBB383</td>
</tr>
<tr>
<td>Year of Opening Account</td>
<td>2010</td>
</tr>
</tbody>
</table>

Please Note:
- Please ensure that the name/s of the participants and conference name (21st Lubricating Grease Conference) are clearly stated on the bank transfer.
- Bank transfer charges are the responsibility of the payer and should be paid at source in addition to the registration fees.
Accommodation
The Organising Committee has done block booking of rooms for accommodation at Hotel Taj Vivanta, Guwahati, Assam, India.

Special rates Negotiated with Hotel Taj Vivanta, Guwahati, Assam.

<table>
<thead>
<tr>
<th>Hotel Rooms</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Occupancy/ Day</td>
<td>Rs. 6500.00 + Taxes</td>
</tr>
<tr>
<td>Double Occupancy/ Day</td>
<td>Rs. 7200.00 + Taxes</td>
</tr>
</tbody>
</table>

Check-in/ Check-out: 1400 hrs/ 1200 hrs
Note: If you are arriving early at the Hotel for Check-in, then please book the previous dates as Check-in dates, so that you don’t have to wait for 1400 hrs, to get your room

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:
the details are mentioned below for your reference.
1) The Size of the Stall- 3 mtr X 2 mtr = 6 Sqm
2) Rates of exhibition Stalls for Indian delegates = INR 59,000 per stall (Fee includes rates for Exhibition Stall +18% Goods & Services Tax (GST)
3) Rates of exhibition Stalls for Foreign delegates = USD 2500 per stall
The above rates for setting up exhibition Stall includes free registration for one delegate. additional delegate have to pay registration fees as usual. no foreign delegates can be adjusted against Indian category Exhibition Stall.

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. Rs. 88,500 inclusive of 18% GST or US$ 3000 (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 and abroad.

The following categories have been finalized for sponsoring this event: Sponsorship includes sponsorship amount +18% Goods & Services Tax (GST)

<table>
<thead>
<tr>
<th>Sponsorship</th>
<th>TOTAL AMOUNT IN INR</th>
<th>TOTAL AMOUNT IN USD*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dinner Sponsorship on 7th Feb 2019</td>
<td>5,90,000</td>
<td>12500</td>
</tr>
<tr>
<td>Dinner Sponsorship on 8th Feb 2019</td>
<td>5,90,000</td>
<td>12500</td>
</tr>
<tr>
<td>Kit Bags</td>
<td>5,90,000</td>
<td>12500</td>
</tr>
<tr>
<td>Lunch Sponsorship (Three)</td>
<td>3,54,000</td>
<td>7500</td>
</tr>
<tr>
<td>Cultural Program on 7th Feb 2019</td>
<td>3,54,000</td>
<td>7500</td>
</tr>
<tr>
<td>Cultural Program on 8th Feb 2019</td>
<td>3,54,000</td>
<td>7500</td>
</tr>
<tr>
<td>Dinner 9th Feb 2019</td>
<td>3,54,000</td>
<td>7500</td>
</tr>
<tr>
<td>Silver Sponsorship</td>
<td>1,18,000</td>
<td>2500</td>
</tr>
</tbody>
</table>

* No foreign delegates can be adjusted against Indian category sponsorship.

Sponsorship includes

For Dinner Sponsor / Kit Bags Sponsor
Free registration for four delegates, one page color advertisement in conference souvenir, scrolling display of sponsor logo, complimentary business talk and an exhibition stall.

For Lunch / Cultural Program
Free registration for three delegates, one page color advertisement in conference souvenir, scrolling display of sponsor logo and complimentary exhibition stall.

For Silver Sponsor
Free registration for two delegates, one page color advertisement in conference souvenir and scrolling display of sponsor logo.
Tentative Programme schedule

Kindly note that the conference will start with the inauguration on Thursday, February 7, 2019 and will continue up to Saturday, February 9, 2019 till afternoon. The participants are requested to make their travel plan and hotel booking accordingly.

<table>
<thead>
<tr>
<th>Programme</th>
<th>Day 1, Thursday, February 7, 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>0900 hrs - 1600 hrs</td>
<td>Registration</td>
</tr>
<tr>
<td>1600 hrs - 1700 hrs</td>
<td>Inauguration</td>
</tr>
<tr>
<td>1700 hrs - 1730 hrs</td>
<td>High Tea</td>
</tr>
<tr>
<td>1730 hrs - 1830 hrs</td>
<td>Technical Session - I</td>
</tr>
<tr>
<td>1930 hrs - 2200 hrs</td>
<td>Welcome Dinner</td>
</tr>
<tr>
<td>Day 2, Friday February 8, 2019</td>
<td></td>
</tr>
<tr>
<td>0600 hrs - 0700 hrs</td>
<td>Sports / Fun Games</td>
</tr>
<tr>
<td>0900 hrs - 1100 hrs</td>
<td>Technical Session - II</td>
</tr>
<tr>
<td>1100 hrs - 1130 hrs</td>
<td>Tea Break</td>
</tr>
<tr>
<td>1130 hrs - 1300 hrs</td>
<td>Business Talk</td>
</tr>
<tr>
<td>1300 hrs - 1400 hrs</td>
<td>Lunch</td>
</tr>
<tr>
<td>1400 hrs - 1530 hrs</td>
<td>Technical Session - III</td>
</tr>
<tr>
<td>1530 hrs - 1600 hrs</td>
<td>Tea Break</td>
</tr>
<tr>
<td>1600 hrs - 1800 hrs</td>
<td>Technical Session - IV</td>
</tr>
<tr>
<td>1900 hrs - 2100 hrs</td>
<td>Conference Banquet</td>
</tr>
<tr>
<td>Day 3, Saturday, February 9, 2019</td>
<td></td>
</tr>
<tr>
<td>0900 hrs - 1030 hrs</td>
<td>Technical Session - V</td>
</tr>
<tr>
<td>1030 hrs - 1045 hrs</td>
<td>Tea Break</td>
</tr>
<tr>
<td>1045 hrs - 1215 hrs</td>
<td>Technical Session - VI</td>
</tr>
<tr>
<td>1215 hrs - 1300 hrs</td>
<td>Concluding Session</td>
</tr>
<tr>
<td>1300 hrs - 1345 hrs</td>
<td>Lunch</td>
</tr>
<tr>
<td>1400 hrs – 2000 hrs</td>
<td>Kamakhya Temple Visit</td>
</tr>
<tr>
<td>Day 4, Sunday, February 10, 2019</td>
<td></td>
</tr>
<tr>
<td>0830 hrs</td>
<td>Departure</td>
</tr>
</tbody>
</table>

- Exhibition on all the three days
- A one day accompanying persons program will be conducted on 8th February 2019
- Visit to Kamakhya Temple is planned on 9th February 2019 (1400 -2000 hrs), if interested, please send confirmation to organisers for blocking the rooms for 9th Feb 2019 also in advance.

Details about the conference

Dates: February 7-10, 2019

The Venue

Taj Vivanta Guwahati
Nikita Complex, GS Road, Khanapara,
Guwahati, Assam – 781022, INDIA

About The Venue

Taj Vivanta Guwahati

Showcasing modern decor with a touch of tradition, Vivanta by Taj Guwahati, Assam is less than 2 km from points of interest like Regional Science Centre, Ganesh Mandir Indoor Stadium, and Dhruba Dreamland Amusement Park. It is 11 km from Guwahati railway station and 34 km from the international airport. Religious places within 11 km include Umananda Temple, Navagraha temple and ISKCON Guwahati.

For further details please contact

Mr. R N Ghosal
Conference Chairman
MD, Tide Water Oil Co. (India) Ltd.
mobile: +91 9903893184
email: md2011@tidewaterindia.co.in
or
visit website of NLGI India Chapter at www.nlgi-india.org for the details

For registration & Hotel accommodation, please contact

Mr. M Janardhan
Standard Greases & Specialities Pvt. Ltd.
mobile: +91 9820477042
e-mail: mjanardhan@standardgreases.co.in