



Serving  
the grease  
industry  
since 1933

*India Chapter*

An Affiliate of NLGI-USA

*Serving Indian Grease Industry Since 1997*



Golden Temple, Amritsar

# **20<sup>th</sup>** LUBRICATING GREASE CONFERENCE ON “LATEST TRENDS IN GREASE INDUSTRY”

HOTEL TAJ SWARNA, AMRITSAR, PUNJAB, INDIA

**FEBRUARY 1-4, 2018**

[www.nlgi-india.org](http://www.nlgi-india.org)

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ON "LATEST TRENDS IN GREASE INDUSTRY"

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AMRITSAR, PUNJAB, INDIA

FEBRUARY 1-4, 2018



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



**Mr. Sudhir Sachdeva**  
Conference Chairman  
MD, Siddharth Greases & Lubes Pvt. Ltd.

## Organising Committee



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



**Dr. T. Singh**  
Dy. General Manager-Customer Services  
Bharat Petroleum Corporation Limited



**Dr. N.K. Pokhriyal**  
Chief Research Manager  
R&D Centre,  
Indian Oil Corporation Limited



**Mr. Neeraj Marwaha**  
Institutional Business  
Indian Oil Corporation Limited,  
Amritsar

## Technical Committee



**Dr. T. Singh**

Dy. General Manager-Customer Services  
Bharat Petroleum Corporation Limited



**Dr. E. Sayanna**

Chief Technology Officer  
Siddharth Grease & Lubes Pvt. Ltd.



**Dr. J. Bhatia**

Director  
Environtech (India)



**Dr. Deepak Saxena**

Chief General Manager,  
R&D Centre, Indian Oil Corporation Limited



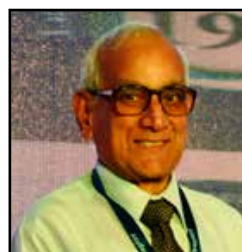
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Sr. Vice President,  
R&D and Tech. Services  
Apar Industries Ltd



**Dr. Balamram Ghosh**

Vice President (R&D),  
Balmer Lawrie & Co. Ltd.



**Mr. N.S. Ramanathan**

Sr. VP (Tech)  
Standard Greases & Specialities Pvt. Ltd

## Finance Committee



**Mr. Vinod Vyas**

Joint MD  
Standard Greases & Specialities Pvt. Ltd.



**Mr. Sudhir Sachdeva**

MD, Siddharth Grease & Lubes Pvt. Ltd.



**Dr. Y.P. Rao**

Chief Technology Officer  
Gulf Oil International Group



**Mr. R.N. Ghosal**

Managing Director,  
Tide Water Oil Co. (India)

## 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, assisting governments / policy makers 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 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. 19 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 organized 19 conferences at various exotic locations:

- 1<sup>st</sup> Lubricating Grease Conference, February 11-12, 1999 at Nainital in Uttarakhand
- 19<sup>th</sup> Lubricating Grease Conference, February 2-4, 2017 at Varanasi in Uttar Pradesh

### 20<sup>th</sup> 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 19 conferences, the venue of the 20<sup>th</sup> Conference has been finalized as Hotel Taj Swarna at Amritsar to be held during February 1-4, 2018.

Contrary to all the previous 19 conferences, this is going to be a 4 day event with one day allocated for local sightseeing.



## **Amritsar** **The Conference Destination**

### **Amritsar-The Jewel of Punjab**

Amritsar, one of the largest cities of the state of Punjab, situated 456 kms from the National Capital of India-New Delhi, is a historical place and is the centre of Sikh Religion.

Amritsar is the spiritual and cultural centre of the Sikhs and is known as the Jewel of Punjab. In the centre of a sacred lagoon rises the Golden Temple- the holiest place on earth for followers of the Sikh religion. The original holy book of Sikh scripture is installed in the temple's inner sanctorum.

Besides being the spiritual and cultural centre of Sikhism, Amritsar shares its border with Pakistan with the Attari / Wagah Border being only 28 km (17.4 mi) away. The closest major city is Lahore, the second largest city in Pakistan, located 50 km to the west.

Amritsar played a very important role in India's Struggle for Independence from the British Colonial Power. Since 1947, when India got independence, Amritsar has been the cultural capital of the state of Punjab. The Government of India in 2015 has already announced Amritsar as the frontrunner of being announced as heritage cities for HRIDAY - Heritage City Development and Augmentation Yojana scheme.

Amritsar- the home to the iconic Golden Temple is also the food capital of Punjab. Everything in this city revolves around food- be it socializing, prayer or festivals. Kulchas, Lasssi, Jalebis, you name it and it will be found in Amritsar.

Amritsar, is well connected through Air, Rail and Road. Amritsar's international airport, Sri Guru Ram Dass Jee International Airport, has more than 360 domestic and international flights during the week with daily connections to Delhi, Mumbai, Kolkata, Chennai, Bangalore, and Srinagar etc. in India and international flights to London (Heathrow), Birmingham, Melbourne and Sydney via Delhi. Also it has direct flights to Doha, Ashgabat, Kuala Lumpur, Singapore, Tashkent and Dubai.

### **Places to visit in Amritsar**

- Golden Temple
- Attari/Wagah Border - Beating Retreat Border Ceremony at India-Pakistan border
- Partition Museum
- Gobindgarh Fort
- Jallianwala Bagh
- Durgiana Temple





## 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
- Energy efficient products
- Environmental issues, legislation, trends
- Packaging Research
- Biodegradable Lubricants
- Tribological 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

Receipt of Abstract Papers	December 15, 2017
Receipt of Manuscript Papers	January 15, 2018
Receipt of Presentation Papers	January 20, 2018

Prospective contributors are requested to forward abstract by 15-12-2017 followed by full text of paper and power point presentation by 15-01-2018 to:

### Dr. Tarunendr Singh

Deputy General Manager - Customer Services  
Bharat Petroleum Corporation Ltd., R&D Centre  
'A' Installation, Sewree (East), Mumbai-400 015  
Landline: + 91 22 2417 6354 ; + 91 22 2411 7605  
Fax: + 91 22 2411 7901  
Mobile: + 91 98 694 33580  
Email : singhtarun@bharatpetroleum.in

## Registration

Registration fees for Indian Delegates includes Registration Fee+ 18 %Goods & Service Tax (GST)

Registration Type	Before 31 <sup>st</sup> December, 2017	After 31 <sup>st</sup> December, 2017
International Delegates	USD 350	USD 500
Indian Delegates	INR 11,800	INR 12,980
Students/Academia/Retired Officers from Public Sector Undertaking	INR 7,080	INR 7,080
Accompanying Person	INR 7,080	INR 7,080

Note:

1. GST Number : 06AAATN7389M1ZV (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.

## Registration- Online Registration and Payment Gateway System

To facilitate registration process, Online Registration with Payment Gateway system is available for convenience of the delegates.

You can register by visiting the below-mentioned link for Registration.

Registration Link for Indian Delegates: <https://www.eventavenue.com/attReglogin.do?eventId=EVT7138>

RegistrationLinkforInternationalDelegates:<https://www.eventavenue.com/attReglogin.do?eventId=EVT7194>

Payment for registration fees can be made through Online Transfer by using, credit cards/debit cards (Visa, MasterCard, American Express, Diners). Registration fees must be pre-paid in full.

In case you prefer to complete the Registration Process, by Bank Transfer, the details are mentioned below for your reference.

## Bank Transfers should be made to the following account:

Vendor Name	National Lubricating Grease Institute – India Chapter
Name of the Bank	State Bank of India
Address	IOC Complex, Sector-13, Faridabad-121 007, Haryana, India
9 digit code of the bank	110002466
Type of Account	Savings Bank
Account Number	31030558492
IFSC code	SBIN0010449
Swift code for foreign exchange	SBININBB381
Year of opening Account	2010

### Please Note:

- Please ensure that the name/s of the participants and conference name (20<sup>th</sup> 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.

# 20<sup>th</sup> LUBRICATING GREASE CONFERENCE

ON "LATEST TRENDS IN GREASE INDUSTRY"

HOTEL TAJ SWARNA  
AMRITSAR, PUNJAB, INDIA

**FEBRUARY 1-4, 2018**

## Accommodation

The Organising Committee has done block booking of rooms for accommodation at Hotel Taj Swarna, Amritsar.

## Special Rates Negotiated with Hotel Taj Swarna, Amritsar

Hotel Rooms	
Single Occupancy	Rs. 6300.00 + Taxes
Double Occupancy	Rs. 6700.00 + Taxes
Extra bed	Rs. 1500.00 + Taxes

Time for Check-in at Hotel Taj Swarna, Amritsar: 1400 hrs

Time for Check-out at taj Swarna, Amritsar: 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 & Service 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 and Service Tax (GST)

Sponsorship	TOTAL AMOUNT IN INR	TOTAL AMOUNT IN USD*
Dinner Sponsorship on 1 <sup>st</sup> Feb 2018	5,90,000	12500
Dinner Sponsorship on 2 <sup>nd</sup> Feb 2018	5,90,000	12500
Dinner Sponsorship on 3 <sup>rd</sup> Feb 2018	5,90,000	12500
Kit Bags	5,90,000	12500
Lunch Sponsorship (Three)	3,54,000	7500
Cultural Program on 1 <sup>st</sup> Feb 2018	3,54,000	7500
Cultural Program on 2 <sup>nd</sup> Feb 2018	3,54,000	7500
Cultural Program on 3 <sup>rd</sup> Feb 2018	3,54,000	7500
Silver Sponsorship	1,18,000	2500

\* 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 1, 2018 and will continue up to Saturday, February 4, 2018 till afternoon. The participants are requested to make their travel plan and hotel booking accordingly.

Programme	
<b>Day 1, Thursday, February 1, 2018</b>	
0900 hrs - 1600 hrs	Registration
1600 hrs - 1700 hrs	Inauguration
1700 hrs - 1730 hrs	High Tea
1730 hrs - 1830 hrs	Technical Session -I
1930 hrs - 2200 hrs	Welcome Dinner
<b>Day 2, Friday, February 2, 2018</b>	
0900 hrs - 1200 hrs	After Breakfast leave for Golden Temple
1230 hrs - 1400 hrs	Lunch
1430 hrs	Leave for Attari / Wagah Border
1600 hrs - 1730 hrs	Beating Retreat Border Ceremony
1800 hrs - 1900 hrs	Walk through Ethnic Punjab Village
1900 hrs - 2200 hrs	Punjabi Cultural Evening & Dinner
2230 hrs	Back to Hotel Taj Swarna
<b>Day 3, Saturday, February 3, 2018</b>	
0600 hrs - 0700 hrs	Sports / Fun Games
0900 hrs - 1100 hrs	Technical Session - II
1100 hrs - 1130 hrs	Tea Break
1130 hrs - 1300 hrs	Business Talk
1300 hrs - 1400 hrs	Lunch
1400 hrs - 1530 hrs	Technical Session -III
1530 hrs - 1600 hrs	Tea Break
1600 hrs - 1800 hrs	Technical Session -IV
1900 hrs - 2100 hrs	Conference Banquet
<b>Day 4, Sunday, February 4, 2018</b>	
0900 hrs - 1100 hrs	Technical Session-V
1100 hrs - 1130 hrs	High Tea
1130 hrs - 1330 hrs	Technical Session-VI
1330 hrs - 1400 hrs	Concluding Session
1400 hrs - 1500 hrs	Lunch

- Exhibition on all the three days
- A one day accompanying persons program will be conducted on 3<sup>rd</sup> February 2018.

## Details About the Conference

### Dates

February 1-4, 2018

### The Venue

Hotel Taj Swarna, Amritsar  
Outer Circular Road,  
Opp. Basant Avenue, Amritsar,  
Punjab- 143001, India

### About The Venue- Taj Swarna, Amritsar

Taj Swarna, Amritsar embodies the best of Punjab's iconic history, art and culture. Fusing modern design with traditional elegance, Taj Swarna, Amritsar is a stylish, contemporary world class hotel, basking in an enviable location, 22 minutes from Sri Guru Ram Dass Jee International Airport

### For further details please contact

#### Mr. Sudhir Sachdeva

Conference Chairman

MD, Siddharth Grease & Lubes Pvt. Ltd.

Mobile : +91 +91 88 027 39931

Email : sgl@siddharthpetro.com

OR

visit website of NLGI India Chapter at

[www.nlgi-india.org](http://www.nlgi-india.org) for the details

### For Registration & Hotel Accommodation, please contact

#### Mr. Shyam Nagpal

Official Event Management Company

MD, International Conferences &

Exhibition Services (ICES) Pvt. Ltd.

Mobile : +91 78 272 07914 / +91 98 111 55557

Email: shyam.nagpal@icesindia.com

And CC to

[smaran@icesindia.com](mailto:smaran@icesindia.com)



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