



Serving  
the grease  
industry  
since 1933

*India Chapter*

An Affiliate of NLGI-USA

*Serving Indian Grease Industry Since 1997*



# 22<sup>nd</sup> Lubricating grease conference

ON "LATEST TRENDS IN GREASE INDUSTRY"

Marriott Hotel, Indore, India

February 1-3, 2020

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



**Dr. S.S.V. Ramakumar**  
Conference Chairman

President NLGI India Chapter  
Director, IOCL R&D Centre

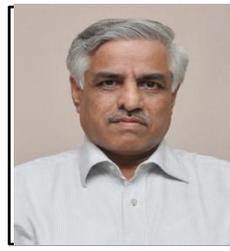
## Organising Committee



**Dr. Deepak Saxena**  
Executive Director (LT)  
Indian Oil Corporation Ltd.



**Mr. V. Sathishkumar**  
Executive Director  
Indian Oil Corporation Ltd.



**Mr. Sanjeev Kundu**  
Chief General Manager - TS  
Indian Oil Corporation Ltd.



**Dr. T. Singh**  
Dy. General Manager-R&D  
Bharat Petroleum Corp. Ltd



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



**Mr. Avinash Kumar**  
Technical Service Engineer  
Indian Oil Corporation Ltd.

## Technical Committee



**Dr. T. Singh**  
Dy. General Manager-R&D  
Bharat Petroleum Corporation Ltd



**Dr. Deepak Saxena**  
Executive Director (LT)  
Indian Oil Corporation Ltd.



**Dr. J. Bhatia**  
Director  
Environtech (India)



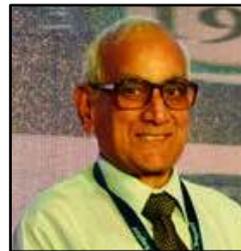
**Dr. M. L. Das**  
VP, R&D – Greases & Lubes SBU  
Balmer Lawrie & Co. Ltd.



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



**Dr. Balaram Ghosh**  
Ex- Balmer Lawrie & Co. Ltd.



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



**Dr. T.C.S. M. Gupta**  
Sr Vice President,  
Apar Industries Ltd.

## Lubricating grease conference - A brief summary

### NLGI-USA

NLGI-USA, a premier society in the field of lubricating grease, spanning over 26 countries with more than 250 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 21 conferences at various exotic locations:

- 1<sup>st</sup> Lubricating Grease Conference, February 11- 12, 1999 at Nainital in Uttarakhand
- 21<sup>st</sup> Lubricating Grease Conference, February 7-10, 2019 at Guwahati in Assam

### 22<sup>nd</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 21 conferences, the venue of the 22<sup>nd</sup> Conference has been finalized as Marriott Hotel Indore, Madhya Pradesh to be held during February 1-3, 2020.



## Indore the conference Destination

### Indore City - Mini Mumbai

Indore city, is in the Madhya Pradesh state of central India. It is located in an upland area on the Saraswati and Khan rivers, which are tributaries of the Shipra River.

Indore was founded in 1715 as a trade market on the Narmada River valley route by local landowners, who erected Indreshwar Temple (1741), from which the name Indore is derived. It became the capital of the Indore princely state of the Maratha Holkars, and it was the headquarters of the British Central India Agency and the summer capital of Madhya Bharat (1948-56) state before its incorporation into Madhya Pradesh.

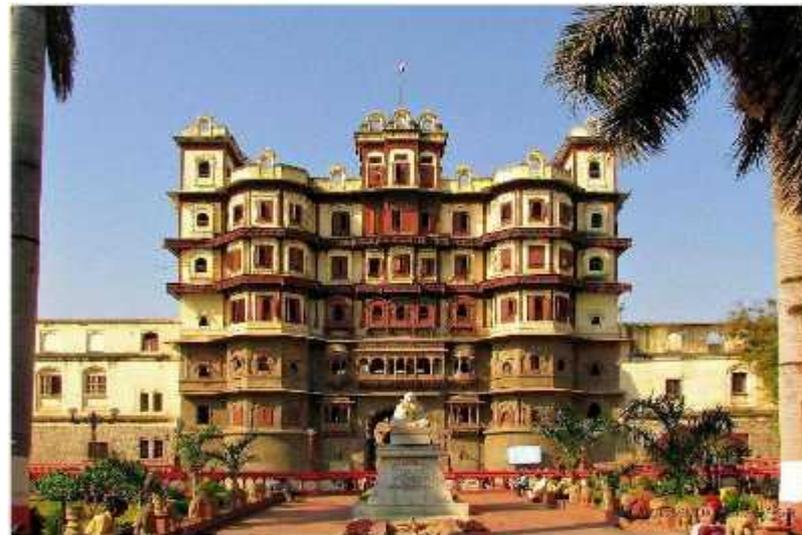
Indore is the most-populous city in the state. Major industries include the manufacture of textiles, tile, cement, chemicals, tents, furniture & sporting goods, grain milling and metalworking. There are auto and cycle workshops, engineering works and traditional industries as pottery making & hand-loom weaving are also flourishing. The city is a major road and rail junction and has an airport for domestic flights.

*As Mumbai is to Maharashtra, Indore is to Madhya Pradesh.* Indore and Mumbai also have some cultural similarities which is a reason behind regarding Indore as "Mini-Mumbai".

Indore is most cleanest city in India. The city is known for its street food and eateries.

#### Places to visit in Indore and around

- Mahakaleshwar, Ujjain (~55 Kms)
- Patalpani waterfall (~35 Kms)
- Annapurna Temple
- Rajwada & Lal Bagh Palace
- Indore Museum
- Pipliyapala Regional park
- Sarafa Bazaar
- Chappan Dukaan





### 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
- Tribological Aspects of Grease
- Advances in Equipment Technology
- Disposal of Lubricants
- Gear Oil
- Synthetic Products
- Lubricants for Food Processing Industry
- Girth Gear Lubrication / Lubricants
- Nanotechnology in greases

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 paper abstract	December 15, 2019
Receipt of paper manuscript	January 15, 2020
Receipt of paper presentation	January 20, 2020

Prospective contributors are requested to forward abstract by 15-12-2019 followed by full text of paper and power point presentation by 20-01-2020 to:

#### Dr. Tarunendr Singh

Deputy General Manager - R&D

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Landline: + 91 22 2417 6354 ; + 91 22 2411 7605

Mobile: + 91 98 694 33580

E-mail : [singhtarun@bharatpetroleum.in](mailto:singhtarun@bharatpetroleum.in)

## Registration

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

Registration Type	Before 31 <sup>st</sup> December, 2019	After 31 <sup>st</sup> December, 2019
International Delegates	US\$ 350 + Bank charges	US\$ 500 + Bank charges
Indian Delegates	INR 11,800	INR 12,980
Students/Academia/Retired Officers from Public Sector Undertaking	INR 7,080	INR 7,080
Accompanying Person ( Spouse)	INR 7,080	INR 7,080

**Note:**

1. GST Number :06AAATN7389M2ZU [ GST Number of National Lubricating Grease Institute 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:

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	SBININBB383
Year of Opening Account	2010

**Please Note:**

- Please ensure that the name/s of the participants and conference name (22<sup>nd</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.

# 22<sup>nd</sup> Lubricating grease conference

ON "LATEST TRENDS IN GREASE INDUSTRY"

Marriott Hotel Indore,  
Madhya Pradesh, India

February 1-3, 2020

## Accommodation

The Organizing Committee has done block booking of rooms for accommodation at Marriott Hotel Indore, Madhya Pradesh, India.

### Special rates Negotiated with Indore Marriott Hotel

Room	Rate
Single Occupancy/ Day	Rs. 5000.00 + Taxes
Double Occupancy/ Day	Rs. 5500.00 + Taxes

**Rooms will be allotted on "First-cum-first-served" basis.**

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. **INR 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)

Sponsorship	TOTAL AMOUNT IN INR ( Exclusive of GST)	TOTAL AMOUNT IN USD*
Dinner Sponsorship on 1 <sup>st</sup> Feb 2020	5,00,000	12500 + Bank charges
Dinner Sponsorship on 2 <sup>nd</sup> Feb 2020	5,00,000	12500 + Bank charges
Kit Bags	5,00,000	12500 + Bank charges
Lunch Sponsorship (Three)	3,00,000	7500 + Bank charges
Cultural Program on 1 <sup>st</sup> Feb 2020	3,00,000	7500 + Bank charges
Cultural Program on 2 <sup>nd</sup> Feb 2020	3,00,000	7500 + Bank charges
Silver Sponsorship	1,00,000	2500 + Bank charges

\* 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 Saturday, February 1, 2020 and will continue up to Monday, February 3, 2020 till afternoon. the participants are requested to make their travel plan and hotel booking accordingly.

Programme	
Day 1, Saturday, February 1, 2020	
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
Day 2, Sunday February 2, 2020	
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
Day 3, Monday, February 3, 2020	
0500hrs – 0900 hrs	Ujjain Temple Visit
0900 hrs - 1030 hrs	Technical Session - V
1030 hrs - 1045 hrs	Tea Break
1045 hrs - 1215 hrs	Technical Session - VI
1215 hrs - 1300 hrs	Concluding Session
1300 hrs - 1345 hrs	Lunch
1400hrs onwards	Departure

- Exhibition on all the three days
- A one day program for spouses and children of delegates will be conducted on 2<sup>nd</sup> February 2020
- **Visit to Ujjain Temple is planned on 3<sup>rd</sup> February, 2020 (0500 -0900 hrs), if interested, please send confirmation to organisers .**

## Details about the conference

**Dates :** February 1-3,2020

### The Venue

#### Indore Marriott Hotel

H-2, Scheme No. 54, Meghdoot Garden, Vijay Nagar, Indore, Madhya Pradesh– 452010, INDIA

### About The Venue

#### Indore Marriott Hotel

A world class hotel with all modern amenities, Indore Marriott hotel is approximately 12 Kms from Devi Ahilya Bai Holkar Airport and is at 5 Kms from Indore Railway station.

### For further details please contact

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email : **saxenad@indianoil.in**

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

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*Serving Indian Grease Industry Since 1997*

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