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India Chapter An Affiliate of NLGI-USA Serving Indian Grease Industry Since 1997

27th LUBRICATING GREASE CONFERENCE On "Bio-Greases"

February 6-8, 2025 JW Marriott, Pune, INDIA

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Conference Chairman Arijit Basu Managing Director Tide Water Oil Co. (India) Ltd.





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February 6-8, 2025 | JW Marriott, Pune, India | www.nlgi-india.org

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The Rise of Bio-Greases in India: A Step Towards Sustainable Industry

the propelled by "Make in India" "Aatmanirbhar Bharat" initiatives. In transformative journey, bio-greases have become to double by 2027, the market for bio-greases is set indispensable. These eco-friendly lubricants, for significant expansion. As the country prioritizes derived from renewable resources, are pivotal in sustainability and self-reliance, the demand for reducing our carbon footprint and advancing environmental stewardship.

The global bio-lubricants market, encompassing bio-greases, is experiencing robust growth, Integrating bio-greases into India's industrial and projected to surge from USD 2.3 billion in 2023 to automotive sectors signifies a monumental stride USD 3.2 billion by 2032. This global uptrend is towards distinctly reflected in India, fueled by rigorous innovations environmental regulations, escalating industrial activities, and a collective shift towards sustainable making India greener and more self-reliant, products. The transition to bio-greases not only addresses environmental imperatives but also complies with governmental directives to curtail emissions from traditional lubricants. The flourishing Indian bio-grease market underscores the nation's commitment to greener alternatives in both industrial and automotive sectors.

diverse industries in India, including automotive, manufacturing, and transportation. Their capacity to perform under extreme conditions while being environmentally benign renders them ideal for a broad spectrum of applications. India's economy is

India is forging a path towards sustainability, well-positioned to embrace these innovative, and sustainable solutions. With a GDP projected to this reach approximately USD 3.5 trillion this year and bio-greases will escalate, bolstered by technological advancements and favorable government policies.

> sustainability. With continuous supportive and regulations, bio-greases are poised to play a crucial role in presenting substantial opportunities for all stakeholders in the global grease industry.

The global lubricants and grease market, valued at USD 134.65 billion in 2022, is expected to grow at a CAGR of 4.0% from 2023 to 2030, driven by increasing demand across various industries. The Indian grease market alone is projected to grow Bio-greases are making notable inroads across from 180 TMT to 250 TMT by 2030 at a 4% CAGR, offering significant opportunities for producers and marketers. This growth highlights India and its subcontinent as key areas for future development and success in the global grease industry.







NLGI - India Chapter

it has since been very active and is rendering common platform so their mutual business services to Indian grease industry by way of interests can be discussed and shared. NLGI-IC has conducting education courses on various grease so far successfully conducted 26 grease related subjects relevant to consumers / conferences, 24 Grease Education courses, 6 round various test methods, conducting grease "Greasetech India". The 26th NLGI-IC conference conferences and publishing quarterly journal was inaugurated by Hon'ble Governor Mr. C. V. from all major petroleum industries from public Grease & Oil Industry with over 500 delegates. sector as well as private sector, other related 27th NLGI-IC Conference is focused on industries, research institute etc. The primary Bio-Greases and expected to attend by more objective of this society is to bring grease industry than 500 delegates from around the world.

India Chapter of NLGI-USA was formed in 1997 and related personnel including consumers on to a manufacturers, organising round robin tests on robin tests and published over 100 Issues of "Greasetech India". This society has membership Ananda Bose and attended by Captains of







NLGI USA

composed of companies who manufacture and strengthen its association by rendering service to market all types of lubricating grease. Membership the end-user of greases as well as those on the is by company rather than by individual. manufacturing side. NLGI-USA has links with other Associated with all types of grease manufacturer societies such as European Lubricating Grease are companies who serve with equipment, Institute, China Lubricating Grease Institute, etc., supplies, and services. Additionally, there are thereby providing a global platform for sharing research and educational groups and member grease industry information with an objective to companies whose interests are primarily technical. serve grease industry in a better way, the Institute Another category for membership "Consumer" is also forms local chapters in different countries. for organizations that are users of lubricating

NLGI is a "not-for-profit trade association", primarily greases. The Institute thus works continuously to





Abstract Submission

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

As the conference covers broad spectrum of additive & equipment suppliers, marketers,

Topics

- Bio-degradable greases
- Sustainable environment for grease industry
- Environmental issues, legislation, trends
- Base oils / additive technology
- New trends in manufacture and process development
- New testing and analytical techniques
- Marketing of greases & gear oils
- Case studies and trouble shooting
- Lubricants for electric vehicles
- Energy efficient products
- Packaging research
- Biodegradable lubricants
- Tribological aspects of grease
- Disposal of lubricants
- Synthetic products
- Lubricants for food processing industry
- Girth gear lubrication / lubricants

Engineers, scientists, manufacturers, users of the papers in terms of technical contents, its lubricating grease & gear oils and those involved suitability for in supplying raw materials, equipment and presentation, etc. The recipient of one of the best services to this industry are invited to present paper awards will be sponsored to attend and papers in the conference. To promote research & present the selected paper in the next NLGI-USA development in greases and related areas, AGM. This is subject to the acceptance of the paper NLGI - India Chapter gives away two best paper for presentation by NLGI-USA Technical Committee. 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

grease industry, style of



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Important Dates

Receipt of Abstracts of Papers : December 10, 2024 Receipt of Manuscript of Papers : January 4, 2025 Receipt of Presentation of Papers : January 25, 2025 Prospective contributors are requested to forward abstract by December 10, 2024 followed by full manuscript of paper and PowerPoint presentation to : Technical Convener : Dr. Tarunendr Singh, GM (R&D), BPCL

Tel:+91-9869433580, E-mail:tsinghbpc@gmail.com | nlgi.ic.1997@gmail.com

Registration Type	Before 31 st December, 2024	After 31 st December, 2024	
International Delegates	US\$ 500	US\$ 600	
Indian Delegates	₹18,000 + 18% GST	₹ 20,000 + 18% GST	
Students / Academia / Retired Officers from Public Sector Undertakings	₹9,000 + 18% GST	₹ 10,000 + 18% GST	
Spouse of <mark>Delegate</mark>	₹ 9,000 + 18% GST	₹ 10,000 + 18% GST	

Registration

Registration will be considered complete only after receipt of the registration charges

Registration charges are non refundable



NOTE

- GST Number : 06AAATN7389M2ZU (GST Number of National Lubricating Greases Institute (NLGI) India Chapter)
- All overseas delegates are requested to pay in foreign currency only
- Students / Academia / Retired officers / Accompanying person / Spouse will not be eligible for conference kit.



Bank Transfers Should Be Made to the Following Account

Vendor Name	National Lubricating Greases Institute - India Chapter	
Name of the Bank	State Bank of India	
Address	IOC Complex, Sector 13, Faridabad - 121007, Haryana, India	
9 Digit Code of the Bank	110002466	
Type of Account	Current Account	
Account Number	11081539966	
IFSC Code	SBIN0010449	
Swift Code for Foreign Exchange	SBININBB383	

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Please ensure that the name/s of the participants and conference name (27th Lubricating Grease Conference) are clearly stated on the bank transfer. Bank transfer charges are the responsibility of the payer and should be paid at the source in addition to the registration fees.

About the Venue

JW Marriot, Pune

The JW Marriott Pune is situated in the city of Pune, at Senapati Bapat Road, Laxmi Society, Model Colony, Shivajinagar, Pune, Maharashtra, India





Accomodation

The organising committee has done block booking of rooms for accommodation at: JW Marriott, Pune | Senapati Bapat Road | Shivajinagar | Maharashtra - 411053





Special Rates Negotiated with Hotel I

Occupancy (CP basis)	Special Rates in ₹ room per night
Deluxe Room (Single Occupancy)	₹ 10,000 + 18% GST
Deluxe Room (Double Occupancy)	₹ 10,750 + 18% GST
Executive Room (Single Occupancy)	₹ 13,000 + 18% GST
Executive Room (Double Occupancy)	₹ 13,750 + 18% GST

Rooms will be allotted on "first come first served" basis

Check In / Check out : 1500 hrs / 1200 hrs

NOTE

- If you are arriving early at hotel check-in, then please book the previous dates as check-in dates, so that you don't have to wait for 1500 hrs, to get your room.
- Rooms to be booked through online link that will be provided after registration is complete.

For accomodation please contact: Sutapa Dey

Mobile: +91 91470 79689 Email: NLGI-C@veedol.com

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. Custom made stall may be made with the Event Management Company at extra charges. The details are mentioned below for your reference.

- The Size of the Stall : 3 mtr X 2 mtr = 6 Sqm
- Rates of Exhibition Stalls for Indian company = ₹ 1,25,000 + 18% GST per stall
- Rates of Exhibition Stalls for Foreign delegates = US\$ 3,000 per stall

The above rates for setting up Exhibition Stall includes free registration for one delegate. Additional delegates at Exhibition Stall have to pay registration fees as usual. No foreign delegates can be adjusted against Indian category Exhibition Stall.





Business Talk

Once again board of NLGI-IC has decided to conduct a session on business talk during the conference. Interested companies / individuals will be given 20 minutes slot for presentation to promote their business interest. ₹ 1,25,000 + 18% GST or US\$ 3,000 (for foreign companies) which includes registration of one delegate complimentary.

Sponsorship |

Like previous conferences, this conference is expected to be sponsored by various reputed organisations from India and abroad.

The following categories have been finalised for sponsoring this event :

Details	Sponsorship in ₹ + 18% GST	Sponsorship in US\$ Taxes are inclusive		
Conference Powered By	25,00,000	45,000		
Lead Sponsor	15,00,000	27,000		
Platinum Sponsor	10,00,000	18,000		
Gold Sponsor	5,00,000	9,000		
Silver Sponsor	3,00,000	5,500		

No foreign delegates can be adjusted against Indian category sponsorship



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Sponsorship Includes

Sponsorship Type	Conference Powered By	Lead Sponsor	Platinum Sponsor	Gold Sponsor	Silver Sponsor
Complimentary Registration	15	8	5	3	2
Exhibition Stall	Yes	Yes	Yes	No	No
Business Talk	Yes	Yes	Yes	No	No
Advertisement in Souvenir	Yes	Yes	Yes	Yes	Yes
Display of logo in two dinners & cultural program	Yes	Yes	Yes	No	No
Display of logo in three lunches	Yes	Yes	Yes	Yes	Yes
Display of logo on NLGI-IC website	Yes	Yes	Yes	Yes	No
Display of logo	All sessions	All sessions	All sessions	All sessions	All sessions

For Sponsorship and any other information - please contact Sutapa Dey, Mob No.: +91-91470 79689; Email : NLGI-C@veedol.com

For further details please contact Dr N K Pokhriyal, Treasurer NLGI India Chapter

E-mail : nlgi.ic.1997@gmail.com Mob. No.: +91- 97183 51120





Pune – Oxford of the East

Known as the 'Cultural Capital of Maharashtra', Pune has a rich heritage rooted into the Maratha culture. Once the capital of the Maratha empire, this city houses magnificient forts and palaces which have preserved history within their walls. However, Pune is not a mere relic of the past.

Earning the title of 'Oxford of the East', Pune boasts a wealth of prestigious universities and research institutes, making it the chosen educational hub for scholars and students across India. Nestled amidst its urban sprawl, this city holds a surprising secret – a haven of natural beauty. Just a short

journey away, you'll find majestic forts perched on hilltops overlooking lush valleys, serene lakes perfect for a quiet reflection, and captivating waterfalls cascading down rugged landscapes. Pune caters to every mood, allowing you to experience the exhilarating pulse of a modern city alongside the soul-stirring tranquility of nature.

Beyond its historical and cultural delights, Pune has a vibrant food scene worth indulging in. From the fiery spice of Misal Pav to the creamy sweetness of Shrikhand, wander through the streets and explore Pune's culinary treasures.



Laal Mahal: Unearth a chapter of history at the Laal Mahal, the childhood home of Chhatrapati Shivaji Maharaj, founder of the Maratha Empire.



Places to visit in Pune





Okayama Friendship Garden: Find your zen at the Pune Okayama Friendship Garden, the largest Japanese garden in Asia outside of Japan.



Aga Khan Palace: Explore the grandeur of Indo-Saracenic architecture at the Aga Khan Palace, which incidentally was used to imprison prominent freedom fighters during the Indian freedom movement.



National War Memorial: Witness the stories of sacrifice at the National War Memorial, a powerful tribute built with public contributions, a first for South Asia.



Mahadji Shinde Chhatri: Journey back in time at the Mahadji Shinde Chhatri. This intricately carved monument with stained glasses and checkered floors is crowned by a magnificient dome and honours the Maratha legend Mahadji Shinde.







Shaniwar Wada Fort: At the Shaniwar Wada Fort, the 18th century seat of power, grand courtyards and whispering walls echo with the Maratha Empire's rise and fall.



Rajiv Gandhi Zoological Park: Enter the world of roaring tigers, lounging leopards and vibrant birds at Pune's Rajiv Gandhi Zoological Park and discover India's diverse wildlife.



Raja Dinkar Kelkar Museum: Discover a bygone era at Raja Dinkar Kelkar Museum, where intricate carvings, musical instruments, and everyday objects unveil the rich tapestry of Indian life, all collected by Raja Dinkar Kelkar in a span of 40 years, making this the largest one-man collection in the world.

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Parvati Temple: Hike to the Parvati Temple, a serene oasis atop Parvati Hill for panoramic city views, and find peace amidst the divine abode of the Goddess Parvati.



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Venue

JW Marriott | Senapati Bapat Marg Shivajinagar | Pune | Maharashtra | India



Serving the grease industry since 1933

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