

ISFL-2025
March 20-22, 2025

Conference Schedule

March 20, 2025 (Thursday)			March 21, 2025 (Friday)			March 22, 2025 (Saturday)		
Registration (0800 hrs onwards) Tea (0800-0945 hrs)			<u>Plenary Session - II</u> (0900-1030 hrs)			Technical Session – V (0900-1015 hrs)		
<u>Inauguration</u> Symposium, Exhibition & Posters (0945-1100 hrs)						<u>TS VA</u> EV Fluids	<u>TS VB</u> Fuel-Agnostic Engines & lubricants	<u>TS VC</u> Advances in Greases
Hi-Tea			Tea			Tea		
<u>Plenary Session - I</u> (1130-1300 hrs)			<u>Panel Discussion- II</u> (1045-1215 hrs)			<u>Business Talk</u> (1030-1130 hrs)		
						<u>Energy Quiz</u> (1130 -1230hrs)		
Lunch			<u>Plenary Session - III</u> (1215-1345 hrs)			<u>Award Ceremony</u> (1230-1300 hrs)		
<u>Panel Discussion-I</u> (1345-1515 hrs)								
Tea			Lunch			Lunch		
Technical session – I (1545-1715 hrs)			Technical Session – III (1430-1600 hrs)					
<u>TS IA</u> Substantiable Lubricants	<u>TS IB</u> Sustainable Fuels	<u>TS IC</u> New-Age Lubes for Industries	<u>TS IIIA</u> Coolants for EVs & Data Centers	<u>TS IIIB</u> Bio-Lubricants	<u>TS IIIC</u> MWO & Industrial Lubricants			
Tea			Tea					
Technical Session – II (1730-1900 hrs)			Technical Session – IV (1615-1745 hrs)					
<u>TS II A</u> Fuel-Efficient Lubricants	<u>TS IIB</u> AI in Fuels & Lubricants	<u>TS IIC</u> Circular Economy	<u>TS IVA</u> Base Oil & New Techniques	<u>TS IVB</u> New Energy	<u>TS IVC</u> Specialty Products for Refineries	Hall	Technical Session (TS)	
<u>e-Poster Session – I</u> (1230 – 1600 hrs)			<u>e-Poster Session – III</u> (1230 – 1600 hrs)			<u>Tango I</u>	I-A, II-A, III-A, IV-A and V-A	
<u>e-Poster Session – II</u> (1600 – 1900 hrs)						<u>Tango II</u>	I-B, II-B, III-B, IV-B and V-B	
						<u>Tango III</u>	I-C, II-C, III-C, IV-C and V-C	
Networking Dinner (1900 – 2100 hrs)			Cultural Program & Conference Dinner (1930 – 2200 hrs)			Debate Hall	All e-Poster Sessions	

Hall:
Main Tango Hall

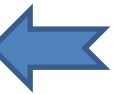
March 20, 2025 (Thursday)
(1130-1300 hrs)

Plenary Session - I

Lubricants towards Sustainable Energy Transition

Session Chair:

Mr. Jason Hanthorn Technology Manager - Consumer Lubricants Lubrizol	Development of API SQ and ILSAC GF-7 Products with a Focus on Sustainable Lubricant Solutions
Mr. John Hong Asia Pacific Director - Sales Infineum	Adding Value in the Lubricant Industry
Mr. Padmanabhan Rajagopalan APR Product Line Manager Chevron- Oronite Pte Ltd.	Lubricants for Biofuel Powered Engines
Dr. Rhishikesh V. Gokhale Global Technical Director (Additives) Evonik Oil Additives	Boost Efficiency and Cut Emissions - Improve Fuel Economy in Three Steps with Advanced Engine Oils



Hall:
Main Tango Hall

March 21, 2025 (Friday)
(0900- 1030 hrs)

Plenary Session – II

Fuels towards Sustainable Energy Transition
Session Chair:

Mr. Rob Allan
Senior Fuels Advisor
Afton

Fuel Additives as Enablers for HVO Containing Renewable Diesel

Mr. Deepak Agarwal
Managing Director
GPS Renewables

Role of CBG towards Sustainability

Mr. Sethuramalingam Thyagarajan
General Manager, Engine Design & Development
TATA Motors

Ethanol Blending and Its Impact on Consumer

Mr. Bharat Joisar
VP Sales and Marketing
Dorf Ketal

Smartly Design Technologies for Sustainable Fuels and New Technology Automobile Engines



Hall:
Main Tango Hall

March 21, 2025 (Friday)
(1215- 1345 hrs)

Plenary Session - III

Sustainable fuels for Transportation – New fuels and E-Mobility
Session Chair:

Dr. Willard A. Cutler
Divisional VP & Commercial Technology
Director
Corning Environmental Technologies

Opportunities in Clean Air and Clean Energy Technologies

Mr. Saurabh Dalela
Director
ICAT

Government Initiatives, Regulation & Standard for New fuel-based Mobility

Mr. C. V. Raman
Chief Technology Officer
MSIL

Flex fuels & e-Mobility for Passenger Car Segment

Mr. Krishnan Sadagopan
Sr. Vice President
Ashok Leyland

Hydrogen: Challenges and Opportunities

Mr. Jai Tiwari
Director, Relationship Management
S&P Global, South Asia

Global and Regional Trends in Lubricant Market



ISFL 2025



Hall:
Main Tango Hall

March 22, 2025 (Sat)
(1030- 1130 hrs)

Business Talk

Mr. Puneet Verma
Lubrizol India Pvt. Ltd.

Mr. Mohnish Shukla
Infineum

Mr. Manoj Nayak
Fine Orgokem

Mrs. Srejoyee Naskar
FOWE Solutions



ISFL 2025



Hall:
Main Tango Hall

March 22, 2025 (Sat)
(1130- 1230 hrs)

Energy Quiz

Quiz Master-

Indian Institute of Technology, Delhi

2 Student participants

Shiv Nadar University

2 Student participants

Manav Rachna University

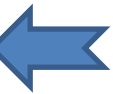
2 Student participants

Delhi Technical University

2 Student participants

Amity University

2 Student participants



Hall:
Main Tango Hall

March 20, 2025 (Thursday)
(1345- 1515 hrs)

Panel Discussion I

Transforming Energy Landscape for mobility

Session Chair:

Mr. Nitin Jirafe Managing director- Tata Cummins Vice President - Engine Business- Cummins India	Destination Zero Strategy
Mr. Sachin Agarwal Executive Vice President & Head of Technology VECV	Opportunities & Challenges in Energy Transition for Heavy duty vehicles
Mr. Sachin Wagh Director FEV, India	Hybrid Vehicle, Opportunities, Challenges and Viability
Mr. Ramaprabhu Head, Fluid Technology Mahindra & Mahindra	Auto OEMs perspective on fuels and lubricant solutions for Energy Transitions
Mr. Feroz Khan Head- Policy & Regulatory Affairs CIT, Hero Moto Corp	2W- Industry Perspectives



Hall:
Main Tango Hall

March 21, 2025 (Friday)
(1045- 1215 hrs)

Panel Discussion II

Ecosystem for Sustainability

Session Chair:

Dr. Reji Mathai Director Automotive Research Association of India (ARAI)	Building Sustainable Ecosystems for Transportation Sector
Mr. R Venkatesh Managing Director Wartsila India	Gas as transition fuel and Future fuels
Mr. Sachin Chugh Hydrogen Lead, India Arup UK	Hydrogen Revolution- Building an Ecosystem for a Sustainable Future
Mr. Rohit Kumar Secretary General CMAI	Leveraging India's Carbon Credit Market for Sustainability
Mr. Pravin Dongre ED (Sustainable Development) Indian Oil	OMCs Efforts for Sustainability



Hall:
Tango - I

March 20, 2025 (Thursday)
(1545- 1715 hrs)

TS I A : Sustainable Lubricants

Session Chair:

282	Using Commercial & Experimental Methods to Reduce Friction and Wear in Low Viscosity Oils Mr. David Boudreau Vanderbilt Chemicals, LLC
333	Understanding Future Requirements – Delivering Fuel Economy Dr. Daniel Grundy Infineum India Additives Pvt. Ltd.
302	Advanced Sustainable Lubricants and Fuels Mr. Kailash Sawant Lubrizol India Pvt. Ltd.
256	Development of Low Viscosity Fuel Efficient API FA-4 SAE 5W-30 Engine Oil for Commercial Vehicles Mr. Samsher Singh Tata Motors
324	Designing an Optimized Crankcase Oil for Clean Fueled Engines Mr. Vandan Sharma Afton Chemical



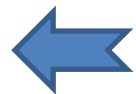
Hall:
Tango - I

March 20, 2025 (Thursday)
(1730- 1900 hrs)

TS II A: Fuel-Efficient Lubricants

Session Chair:

220	The Fuel Economy Improvement Effect of MoDTC with Low Viscosity Engine Oil under Hybrid Electric Vehicle Mr. Shinji IINO ADEKA Corporation
327	Low viscosity, low volatility Synthetic base stocks –Targeting High Performance 0W-16/20 Engine oil Specifications Mr. Gururaj Thilagar ExxonMobil Company India Pvt Ltd
334	Energy Transition: Moving Lubricants Towards a Low Carbon Future Mr. Sebastian Lischowski Infineum
243	The Future of Engine Oils in Electric-Hybrid Vehicles & Flex Fuel Vehicles: Addressing Unique Challenges Mr. Sandeep Pawar Lubrizol India Pvt. Ltd.
331	Longer Oil Drain Intervals for IC Engines in Commercial Vehicles Mr. Ashish Jain VE Commercial Vehicles Ltd.



Hall:
Tango - I

March 21, 2025 (Friday)
(1430- 1600 hrs)

TS III A : Coolants for EVs & Data Centres

Session Chair:

218	The Path Towards Sustainable Immersion Cooling Fluids “Evonik’s Contribution” Dr. Mario Gomez EVONIK
305	An Overview of Coolant Application in Fuel Cell Electric Vehicle Mr. Vignesh M S Ashok Leyland Ltd.
207	Development and Evaluation of Antifreeze and Coolant for Battery Electric Vehicle using Rapid Cyclic Potentiokinetic Polarization Scanning Dr Amitabh Kumar Jain Vinni Chemicals Pvt Limited
227	Battery Performance Evaluation: Thermal and Resistance Analysis in EV Drive Modes Mr. Dinesh Deva HPCL Green R&D Centre, Bengaluru
255	Immersion Cooling Fluids required for Data Centers Mr. Ankit Kumar Soni Indian Oil Corporation Ltd.



Hall:
Tango - I

March 21, 2025 (Friday)
(1615- 1745 hrs)

TS IV A: Base Oil & New Techniques

Session Chair:

306

EHC 340 MAX: Above and Beyond Group I Bright Stock
Mr. Santhesh Basanth Kumar
ExxonMobil Services & Technology Private Limited

242

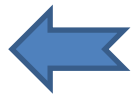
Petrolatum- and Sulfonate-Free Coatings for Long-Term Outdoor Corrosion Protection
Mr. Sandeep Sarode
Lubrizol India Pvt. Ltd.

292

Characterization and Monitoring of Fuels and Lubricants using a Novel Technology
Prof. Krishnaswamy N. Ponnani
Labcon Scientific Instruments Pvt. Ltd.

293

Water Content - a Critical Parameter for Monitoring of Fuels and Lubricant Samples
Mr. Tom Gallant
ECH Scientific Limited



Hall:
Tango - I

March 22, 2025 (Sat)
(0900- 1015 hrs)

TS V A : EV Fluids

Session Chair:

289	Automotive Lubricants : New Trends & Technologies Mr. Kapil Telang Lubrizol India Pvt. Ltd.
340	Advancements in Electric Transmission Fluid Technology Mr. Satya Pathak Afton Chemical
338	Advancing E-Fluids: Balancing Durability, Material Compatibility, and Efficiency Ms. Sonia Oberoi Infineum
217	Efficiency Measurements and Lubricant Optimization in Directly Cooled Electric Drives: Influence of Viscosity Index Improvers, Base Oil, and Viscosity Profile Dr. Dmitriy Shakhvorostov Evonik



Hall:
Tango - II

March 20, 2025 (Thursday)
(1545- 1715 hrs)

TS I B : Sustainable Fuels

Session Chair:

228	Beyond PFI: Advanced Additives for Superior Performance and GDI Clean-Up Mr. Anindam Baitalik Dorf Ketel Chemicals India Limited
248	Outlook and Challenges of Adopting Futuristic Fuels in the Asian Region Ms. Casey Tan Stratas Advisors
309	Emerging Testing Requirement with Emphasis on Oxygenated & H2 Fuel in Accordance with Emerging Technology for Futuristic Legislative Regimes Dr. Prashant Kumar Indian Oil Corporation (R&D)
254	Performance Evaluation of ED5 Diesel in Farm Tractors: A Sustainable alternative Mr. Tejas Bhabhale and Arjun G Singh Tuteja ITL & IOCL
235	Evaluating Catalytic Converter Efficiency for Unregulated Emissions with Higher Ethanol Blends in BS6 Engines Mr. Raviteja S. HPCL Green R&D Centre, Bengaluru



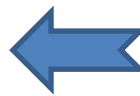
Hall:
Tango - II

March 20, 2025 (Thursday)
(1730- 1900 hrs)

TS II B – AI in Fuels & Lubricants

Session Chair:

239	AI Technology in Fuel and Lubricant Formulating Science Dr. Rahul Misra Lubrizol India Pvt. Ltd.
315	Leveraging Machine Learning for Accurate and Accessible Gasoline RON Prediction: A Step Towards Digital Transformation in Fuel Quality Control Dr. Prashant Parihar Bharat Petroleum Corporation Limited
231	Advanced Oil Analytics: Harnessing IIoT for Equipment Reliability and Cost Optimization Ms. Tejashree Potdar Minimac Systems Pvt. Ltd.
343	Innovative Cavitation Technologies for Emissions and Efficiency Optimization Mr. Hemant Sondhi FOWE Solutions
234	Application of Artificial Intelligence in Renewable Energy Mr. Ashok Jambur GR Technologies LLP



Hall:
Tango - II

March 21, 2025 (Fri)
(1430- 1600 hrs)

TS III B : Bio-Lubricants

Session Chair:

258	Advancing Green Technology: A Study on Bio-Degradable Driveline Fluid for Commercial Vehicles Mr. Prabhakar Sinha Indian Oil Corporation Ltd. and Tata Motors Ltd.
285	Fundamental Insights into Bio-Sourced and Synthetic Base Oils for High-Performance Applications: Advancing Sustainable Lubrication Mr. Kalpendra Rajurkar Veedol Corporation Limited
278	Synthetic Ester (Bio- Based) Transformer Oil- A Step towards Sustainability Mr. Satyam Yadav Indian Oil Corporation Ltd
267	Exploring the Sustainable Potential of Renewable Waste Cooking Oil Enhanced with Natural Antioxidant for Bio-lubricant Dr. Suheel K. Porwal DIT University, Dehradun
245	Development of Ultra-Long Drain Axle Oil as a Sustainable Solution Mr. Nilesh Kadu Lubrizol India Pvt. Ltd.



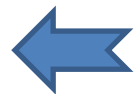
Hall:
Tango - II

March 21, 2025 (Fri)
(1615- 1745 hrs)

TS IV B : New Energy

Session Chair:

206	Deployment of Quantum Encapsulation Technologies Seawater-derived Solar-Driven Hydrogen Production for Naval Applications Dr. Somenath Garai Banaras Hindu University
316	H2 Drive-H2 as Transport and Cleaner Fuel Mr. Nikunj Jain Indian Oil (BD-PC)
328	Low and Zero Carbon Fuels Combined with Conventional and Novel Powertrain Architectures Mr. Angad Panesar University of Brighton, Brighton, UK
247	HP AquaOKare: A Highly effective, Eco-friendly and Novel Multifunctional-polymer based Comprehensive Antiscalant Package for Industrial Cooling Water Systems Dr. Eswararao Doni HPCL Green R&D
310	CBG in the Sustainable Energy Landscape: Challenges and Way Forward Dr. Manoj Kumar Indian Oil Corporation (R&D)



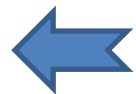
Hall:
Tango - II

March 22, 2025 (Sat)
(0900- 1015 hrs)

TS VB : Fuel-Agnostic Engines & lubricants

Session Chair:

268	Evaluation of Performance and CO2 Reduction capabilities for a Multi-Fuel Engine Performance Using Diesel, CNG, Hydrogen, and Ammonia Mr. Gourav K. Varatharaj Ashok Leyland Ltd.
238	Challenges and Innovations in Hydrogen Engine and Engine Oil Development Mr. Dheeraj Bangad Lubrizol India Pvt. Ltd.
211	Development of High-Performance Lubricant for Hydrogen Internal Combustion Engines (H2ICE) Dr. Sumeet Kumar Goswami Bharat Petroleum Corporation Limited
336	Lubricants for Ammonia Engines Mr. Ming Sheng Kang Infineum



Hall:
Tango - III

March 20, 2025 (Thursday)
(1545- 1715 hrs)

TS I C : New-Age Lubes for Industries

Session Chair:

319

Formulating for an increasingly complex Industrial Gear landscape

Mr. Chris Pether
Afton Chemical

215

Novel Solvency Booster for effective Mitigation of Varnish and Deposits

Dr. David Eckes
Evonik

286

Green Shield: A Sustainable Multipurpose Lubricant Spray for Protection and Performance

Mr. Vaibhav Salunkhe
Veedol Corporation Limited

233

Development and Evaluation of High Temperature Silicon Based Fluid for Missile System

Mr. Nizamuddin Khan
DMSRDE (DRDO)

344

Research and development on Pitting Resistance Antifreeze Radiator Coolant

Mr. P Ramesh
Ashok Leyland Technical Centre



Hall:
Tango - III

March 20, 2025 (Thursday)
(1730- 1900 hrs)

TS II C : Circular Economy

Session Chair:

337	Re-Refined Base Oils (RRBO): A Greener Solution for the Lubricants Industry Mr. Yin Tat Chan Infineum
345	RRBO Trends and its usage in Automotive Lubricant Formulation Mr. Swapnil Joshi Indian Additives Ltd
244	Navigating the Challenges of Engine Oil Formulation with Indian RRBO Mr. Avinash Kamuni Lubrizol Corporation
229	Lubricant Reconditioning and Circular Economy Principles for Sustainable Energy Transition Mr. Harshit Agrawal Minimac Systems Pvt. Ltd.
325	Are Re-Refined Base Oils Suitable for Hydraulic Oil Formulations? Ms. Tamanna Kapoor Afton Chemical



Hall:
Tango - III

March 21, 2025 (Fri)
(1430- 1600 hrs)

TS III C: MWO & Industrial Lubricants

Session Chair:

329	Sustainable Concepts for Water miscible Metalworking Fluids Dr. Oliver Thordsen ML Lubrication GmbH
287	Innovative Hybrid Metalworking Fluids for Sustainable and High-Performance Manufacturing Mr. Venu Veesam Veedol Corporation Limited
224	Deployment of Efficient Lubricants at Evonik “ Benefits of DYNAVISÂ and NUFLUXÂ Technology Mr. Vishal Nandurkar Evonik
335	Performance Evaluation Study on Catalyst Conversion Efficiency from Lubricant Oil Poisoning Mr. Jeenal Patel Infineum India Pvt. Ltd
225	Sustainable Lubrication Solution for Nuclear Power Plant Mr. Peesyush Dubey Indian Oil (M)



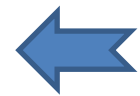
Hall:
Tango - III

March 21, 2025 (Fri)
(1615- 1745 hrs)

TS IV C: Specialty Products from Refineries

Session Chair:

274	Production of De-aromatized Solvents for the first time in the History of Indian Refining Sector Mr. Ratheesh S Bharat Petroleum Corporation Limited, Mumbai Refinery
280	Pyrolysis Fuel Oil BMCI Enhancement of Indian Oil's Naphtha Cracker to Marketable Carbon Black Feed Stock: A path towards Sustainable Energy Transition Mr. Pranjal Maheshwari Panipat Naphtha Cracker, Indian Oil Corporation Limited
263	Novel Additive to Reduce the CO2 emission in Pavement construction Mr. Naresh Kottari HPCL Green R&D Centre, Bengaluru
301	Feasibility Study of Making Polyester and their Applications in Bitumen Modification Dr. Kamal Kumar CSIR-IIP
349	Fractionation of ATF from DHDt treated Diesel -A diesel reduction methodology Ms. Ramya M Chennai Petroleum Corporation Limited



Hall:
Tango - III

March 22, 2025 (Sat)
(0900- 1015 hrs)

TS V C : Advances in Greases

Session Chair:

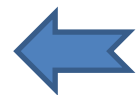
313	Effect of Polymers in Balancing the Grease Performance Properties Mr. Ripudaman Singh Negi Siddharth Grease & Lubes Pvt Limited
222	Development of Radiation Resistant Greases for Nuclear Power Plants Dr. Virender Kumar IOCL R&D
288	Redefining Durability: Lithium-Free High-Performance Sustainable Grease Solutions for the Mining Industry Mr. Amey Deokar Veedol Corporation Limited
347	Characterization of Different types of Waxes used in Lubricants including Greases Mr. Anup Kumar Bhattacharya Balmer Lawrie & Co.Ltd



Poster Session



Paper ID	Title of the Abstract	Author
202	Advanced, sustainable ester-based oil formulations for the lubrication of aircraft precision components	Dr. P. Nagendramma
342	Effect of Co-Solvent on Stability of Methanol-Gasoline Blends	Mr. Manish Malhan
205	Development of Synthetic Barrier Fluid for Pressurized Seals with Correct Viscosity Configuration	Mr. Arindam Kashyap
223	Monitoring natural gas engine oil performance and equipment health: enhancing reliability and cost savings	Mr. Arindam kashyap
230	Coalescer Separator Technology for Separation Efficiency in Lubricant Manufacturing	Mr. Ajay Kumar Arya
240	Mixed waste vegetable oils: A sustainable option for Bio-based Lubricants	Dr. Jyoti Porwal
277	Experimental Investigation of Performance and Emissions of Single Cylinder Diesel Engine with Hydrogen and Different Pyrozel Blends.	Dr. Manoj Dahake
249	Dorf Ketal Novel Additive Technology for Sustainable Fuel	Mr. Brijesh Bhati
213	Production of 4cst Group-III Base Oil	Mr. Anandrao Pol
262	Tailored Catalyst Design for Efficient JP-10 High-Density Fuel Production: A make in India initiative	Mr. Naresh Kottari
322	An overview of Biomass-Based Hydrogen Production: Technology Maturity and Environmental Impacts Assessment	Dr. Vikrant Mishra





Paper ID	Title of the Abstract	Author
283	Effect of structure and functionality on physicochemical and Tribological Properties of biobased Guerbet Esters	Mr. Somesh Patil
284	Evaluation of Boundary Lubrication Characteristics of Estolide Derivatives at Elevated Temperature using a Force-Controlled Pendulum Tribometer	Mr. Prasad Sanjaykumar Sanap
341	Understanding the Requirements of Fluids for E-Vehicle Applications	Dr. Lakshmi Katta
201	Effective Chemical Formulation for Solar Panel Cleaning (HP SolarOKare)	Mr. P. Ravichandiran
296	Upgradation of Tyre Pyrolysis Oil through Hydrocracking route to produce Marine Fuel Oil (MFO)	Mr. Pappu Naresh,
271	Artificial Intelligence based lubricant formulation prediction software	Mr. Sandeep Suddapalli
266	Characterization of Nanoparticle Emissions from Diverse Urban Sources: Initiatives towards Climate Protection	Mr. Hafiz Mayeen
273	A Flexible and Efficient Analysis Solution; Low Level Oxygenates in Liquified Petroleum Gas (LPG)	Dr. Kalicharan Chattopadhyay
237	Fabrication of Membrane Electrode Assembly for PEM Fuel Cell	Dr. S. Meenakshi
308	Process Intensified LPG Desulfurization - A Novel Approach	Mr. Uttaran Basak
297	Experimental Study on Elastomer and Plastomer Compatibility with Oxy-Diesel Blends	Dr. Justin Paul





Paper ID	Title of the Abstract	Author
209	Hot Rolling oil for Edger Rolling Application	Dr. Vilas Ramtenki
221	Lubricating base oils and greases from Industrial polyolefinic by-products	Dr. Manisha Sahai
232	Preform that performs with energy efficient hydraulic oil-SERVOHYDREX TH 46 PLUS	Mr. Chandrasekhar P
252	Development of Low Varnish Turbine Oil for Fertilizer Industry	Dr. Chanakya Tripathi
317	A simulated test methodology for screening of friction, wear, and extreme pressure properties of hydraulic oils	Dr. Rameshwar Chaudhary
272	Mitigation of Acidity in High TAN Crudes Using Hydrotalcite Additive	Ms. Rashmi
290	Investigating Ni-Al ₂ O ₃ /ZrO ₂ , Catalysts for methane Oxidation to reduce Methane Emission from CNG Vehicles	Dr. Mritunjay Kumar Shukla
203	An Experimental Study on the effect of coupler on solubility and Stability of a Diesel-Ethanol Blend	Dr. Nihar Dash
204	Study on ethanol blended motor gasoline blends retained in various medium with respect to retention period	Dr. Dinesh Kumar
276	Experimental Investigation on Use of Biodiesel as an Additive to Improve Lubricity of Lubricating Oils	Mr. Kamallesh A. Sorate
275	Anaerobic co-digestion of crude glycerol in lab scale biogas reactor under mesophilic conditions	Mr. Kamallesh A Sorate



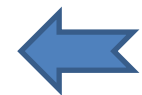


Paper ID	Title of the Abstract	Author
323	Achieving Circularity of Used Lubricating Oil through Delayed Coker Unit of Refinery	Mr. Shivam A Dixit
214	Production of De Aromatised Solvents (DAS)	Mr. Abhijeet Subudhi
265	Development of Compatible Engine oil for Diesel Engines running on oxygenated fuels (ED-5) through lab studies	Dr. Sandeep Kumar
269	Synthesis of L-histidine derivatives and their evaluation as eco-friendly lubricant additives	Mr. Piyush Gupta
312	Performance of Full Synthetic Lithium Complex Grease (NLGI 2) in Cold Rolling Mills and Hot Strip Mills of Steel Plant – A Case Study	Mr. Sambit Rout
314	Effect of electrolyte additive in Sodium ion Batteries	Dr. Senthilkumar K.
294	Development of reference diesel fuel: A sustainable fuel	Dr. Srimanta Guin
295	Development of Indigenous Race Fuels: STORM-X and STORM-Ultimate Racing Fuel	Dr. Kiran Chakrahari
299	Quantification of styrenes and diolefins in racing fuel by Gas Chromatography-Mass Spectrometry (GC-MS)	Dr. Sravan Bompelli
330	Prediction of Grease Life at High Temperature Using Thermal Degradation Model	Mr. Sandeep Singh





Paper ID	Title of the Abstract	Author
346	Affectivity of effluent plant and impact of treated effluent on flora and fauna of Mathura refinery	Dr. Pratap Singh
318	Development of test methodology for screening energy efficient greases using combination of tribometers	Dr. Mukesh Kumar Dubey
226	Initiatives for Circular Economy in Used Oil at Indian Oil	Mr. P. Pradeep
339	Microstructural Investigations of Gas-to-liquids (GTL) base oil vis-à-vis Group III & IV base oils	Dr. Ravindra Kumar
208	Infrared Spectroscopy Method for Glycerides content in Sustainable Aviation Fuel derived from Used Cooking Oil	Dr. Emmandi Ramu
264	Feasibility Study of Hydrotreatment of Bio-oil and waste plastic oil	Mr. Mukesh kumar poddar
236	Development of high-performance coke oven gas holder oil for steel plants	Dr. M N K PRASAD BOLISSETTY
250	Development of specialized winter diesel with improved cold flow properties	Dr. Manisha Saraswat
253	Application of Deep Eutectic Solvent as Fuel Additive for Diesel Fuel	Dr. Nisha
259	Evaluation of RON/MON for higher ethanol (E>25) and methanol (M>25) blended gasoline by modifying existing CFR engine- An experimental study	Mr. Navarun Saikia





Paper ID	Title of the Abstract	Author
321	Development of Soluble Cutting Oil for Multi-Metal Machining	Dr.Ramababu Bolligarla
270	Opportunities and challenges for oxy-diesel blends as automotive fuel	Dr. Maya Chakradhar
320	Development of RRBO-based Motorcycle Engine Oil -A Step Towards Carbon Neutrality	Dr Shiv Kumar Vabbina
212	Development of Lubricants from Re-refined Base Stocks: A Step Toward Circular Economy	Dr. Swamy Maloth
300	Systematic study on biodiesel blended diesel for pipeline transportation: A step towards green sustainability	Dr. Krishna Vankudoth
307	Improvement of Gasoline Lubricity by chemically modified polysiloxane as additives	Dr. Sameeksha Raizada
279	Synthesis of Ethyl Levulinate Coupled N-Phenyl-p-Phenylenediamine: A Multifunctional Additive for Enhancing Biodiesel Oxidation Stability and Lubricity	Mr. Aman Kumar Bhonsle
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The ISFL 2025 logo, featuring a stylized tree and the acronym ISFL.

2025

A graphic of a glowing green energy drop with a tree-like structure inside, surrounded by a circular pattern of particles.

14th
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— **March 20-22, 2025** —
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THEME
FUELS & LUBRICANTS TOWARDS
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