

EOSA'S QUARTERLY NEWSLETTER

Driving Change for a Sustainable Future
Volume 2 | 2nd Quarter | April-June 2025

*Your gateway to insights, updates, and actions
for a sustainable future of the oil industry*

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**Enviro Oil Savers
Association**

Driver of EPR Regime

FOREWORD BY DIRECTORS

Dear Readers,

Welcome to the second edition of EOSA's Quarterly Newsletter! As we step into this new quarter, our commitment to strengthening the Extended Producer Responsibility (EPR) framework for used oil management in India remains unwavering.

Our vision is to drive impactful change on the ground while ensuring that the EPR regime fosters accountability among polluting industries, creates opportunities at the grassroots level, and becomes one of the most successful EPR streams in the country.

In the past quarter, EOSA has welcomed several recyclers, lubricant manufacturers, and Original Equipment Manufacturers (OEMs) to advance responsible used oil management. We have also forged new partnerships to enhance operational efficiency—working with a leading waste management association to improve collection and processing systems and collaborating with a specialized logistics company to streamline used oil transportation.

Additionally, our team has been actively supporting members in achieving full

compliance with the EPR framework, from CPCB registration to regulatory adherence. Notable member companies include Nandan Petrochem Limited (NPL), Apar Industries, Mahindra & Mahindra Ltd., Minimac Systems, Daya Lubricants, Meher Petrochem, and many more.

While evolving EPR regulations for used oil present challenges, they also open doors to innovation and progress. Last year, we launched mass awareness campaigns through industry webinars and updates. At EOSA, we see ourselves as facilitators and catalysts for transformative change.

In the coming quarter, we aim to deepen engagement with oil recyclers and manufacturers, guiding them toward best practices that transcend compliance and foster true circularity.

We extend our heartfelt gratitude to our members, partners, and the EOSA team for their trust and collaboration. Together, we are revolutionizing an industry and paving the way for a sustainable circular economy. The future starts now!

**With determination,
Priya Naik & Rina Sharma
Directors, Enviro Oil Savers Association**



**PRIYA NAIK
DIRECTOR, EOSA**

At EOSA, our goal is to enhance the Extended Producer Responsibility (EPR) framework for used oil management, ensuring all stakeholders — from manufacturers to recyclers, play a pivotal role in setting new standards for accountability and resource recovery.



**RINA SHARMA
DIRECTOR, EOSA**

EOSA is leading the charge in building a sustainable ecosystem by engaging directly with manufacturers and recyclers. We're transforming used oil into a valuable resource while unlocking economic potential through innovation and best practices.

EOSA IN ACTION: COLLABORATIONS

Partnership with Saahas Zero Waste

EOSA connected Saahas Zero Waste with one of the recycler member, IFP Petro Products Pvt. Ltd., to explore digitized waste management and sustainable oil re-refining models. This collaboration highlights the importance of the formation of formal/organized collection channels in the form of a collection consortium to facilitate the effective collection of used oil from the generators and streamline the supply chain. Key outcomes included:

- Advancing collection and processing for re-refining.
- Integrating oil recycling with Material Recovery Facilities (MRFs).
- Developing take-back models for achieving true circularity.

OEM-Re-refiner Collaboration: Mahindra & Mahindra and IFP Petro

EOSA facilitated a strategic visit between its members, Mahindra & Mahindra Ltd. and IFP Petro Products Pvt. Ltd. at IFP's re-refining plant in Uttar Pradesh.

This partnership is a significant step toward advancing EPR compliance and promoting circular economy practices in the automotive sector. Discussions centered on:

- Strengthening collaborations between Original Equipment Manufacturers (OEMs)
- and re-refiners.
- Integrating re-refined oil into supply chains.

Expanding sustainable used oil collection networks for efficient collection of used oil from service stations.

EOSA IN ACTION: CAMPAIGNS

Awareness Campaigns on EPR Registration

EOSA launched campaigns to educate producers and recyclers about EPR registration deadlines and compliance requirements, including Environmental Compensation (EC).

Efforts include:

- Timely communication of CPCB's EPR deadlines to members.
- Engaging with CPCB to finalize EC and EPR certificate pricing structures.

Contributions to CPCB on EC Regulations

EOSA actively participated in discussions with CPCB, recyclers, and producers to shape fair EC pricing policies. Contributions include:

- Submitting cost justifications for used oil collection and transportation.
- Aligning EC pricing with the market dynamics of EPR Certificates.
- Ensuring producers understand the market dynamics of EPR Certificates.

KNOWLEDGE CORNER

FAQ Spotlight 1

How is EPR Certificate Pricing Calculated?

The EPR Certificate pricing is determined based on Environmental Compensation (EC) for non-fulfillment of Extended Producer Responsibility targets. The EPR Certificate exchange pricing will be equal to 30% to 100%, respectively, of the Environmental Compensation for non-fulfillment of Extended Producer Responsibility.

The proposed pricing is as follows: The meeting involved discussions with producers and recyclers on the proposed pricing:

Cost of Used Oil Collection,
Handling & Transportation
(excluding material cost):
Rs 7-9/-Litre of Used Oil

+

Cost of Used Oil Processing:
Rs 10-12/litre of used oil

=

EC: Rs 17-21/litre of used oil
or Rs 19-23/kg of used oil



- CPCB's Proposed EPR Certificate Prices as above (+/- Rs. 2)
- Lowest exchange price of EPR Certificate: **Rs 6-7/kg of recovered oil**
- Highest exchange price of EPR Certificate: **Rs 19-23/kg of recovered oil**

EXCLUSIVE PERKS FOR EOSA MEMBERS

- **Comprehensive Regulatory Assistance:** End-to-end assistance with the Central Pollution Control Board (CPCB) portal registration, support for quarterly and annual return filing, and help with calculating targets and ensuring regulatory compliance.
- **Discounts on BIS-standard testing through partnered facilities:** Members receive discounts on testing services through partnered facilities that meet the Bureau of Indian Standards (BIS).
- **Consortium-Based Collection Centre Development:** EOSA assists members in establishing and accessing collection centres for procurement and logistics partnerships through a consortium-based approach, ensuring efficient used oil collection and regulatory compliance.
- **Awareness Programs:** Access to educational resources like awareness programs and advertisements related to the EPR regime.
- **Guidance on EPR certificate trading at fair prices:** Receive guidance on used oil collection and recycling to meet EPR targets. Support trading EPR certificates at fair prices, along with audits and inspections of recycling facilities to ensure compliance.
- **Networking opportunities with key industry players:** Opportunities to network with key industry players, including manufacturers, recyclers, bulk generators and collection agents.
- **Technology Improvement in Recycling and Re-refining:** Guidance for upgrading recycling processes with advanced technology to enhance efficiency, reduce waste generation, and meet quality standards.
- **Used Oil Collection and Segregation Facilities:** Support for responsible used oil management, including oil categorization and segregation.

KNOWLEDGE CORNER

FAQ Spotlight 2

How to Calculate Quantity Eligible for EPR Certificates?

The formula is:

$$Q_{EPR} = Q_p \times C_f \times W_p$$



Where:

- Q_{EPR} = Quantity eligible for EPR certificate
- Q_p = Quantity of the end product recovered
- C_f = Conversion factor (quantity of inputs required for production of one unit of output) determined by CPCB based on the technologies used by recyclers and the quality of re-refined base oil produced.
- W_p = Weightage for a particular end product as given: Weightage for Producing re-refined base oil or lubrication oil: 1 and Weightage for co-processing/ utilisation/ energy recovery for used oil is not suitable for recycling. (CPCB will allow only a maximum permissible percentage of these certificates): 0.25

HIGHLIGHT CORNER: PARTNERSHIP WITH DCQ LOGISTICS

Introducing DCQ Logistics (Oil on Wheelz) as EOSA's Logistics Partner. Members can avail discounts on services — contact us for details.

EOSA has partnered with DCQ Logistics (Oils on Wheelz) to provide logistics support and enhance reverse logistics for used oil transportation, a critical component in achieving circular economy goals. DCQ Logistics operates within the transport and logistics industry and is recognized for its notable growth and commitment to optimizing supply chains. The company specializes in seamless, efficient, and cost-effective reverse logistics



solutions. DCQ's services are designed to minimize waste, maximize resource recovery, and promote sustainability by closing the loop in supply

chains. EOSA members benefit from discounted rates on these logistics services, making it easier to manage the return and reuse of products sustainably.

IMPORTANT CPCB PORTAL UPDATES

- Recycler Registration Module: Launched September 2024.
- Used Oil Importer Registration Module: Launched February 2025.
- CPCB released Guidelines for Collection, Handling, Transportation, and Storage of used oil by Collection Agents under the Used Oil EPR framework.
- As of March 27, 2025:

Producers Registered: 96 total registrations, 21 granted registrations

Recyclers Registered: 88 total registrations, 5 granted

KNOWLEDGE CORNER

FAQ Spotlight 3

Will service centres be registered on the CPCB Used Oil EPR Portal?



If an automobile service centre is involved in the collection and transportation of used oil, with or without a storage facility, it must be registered as a Collection Agent under the Used Oil EPR framework. This registration is mandatory as per the guidelines for the collection, handling, transportation, and storage of used oil by Collection Agents. Additionally, if a service centre generates more than 100 metric tonnes of used oil annually, it will also be classified and registered as a Bulk Generator under the EPR framework. One entity can be registered in more than one category.

To understand the legal framework and regulatory implications around this classification, join us in our next legal and compliance webinar.

Stay tuned for more...

MEMBER SPOTLIGHT: MINIMAC SYSTEMS PVT. LTD.

Prioritizing In-Use Lubricant Circularity

The principles of circularity emphasize reduction and reuse before recycling. In the context of lubricants, prioritizing in-use lubricant circularity is paramount:

- **Extending Lubricant Lifespan:** Advanced filtration and monitoring technologies maintain oil quality and performance.
- **Benefits:**
 - Reduced oil consumption and waste generation.
 - Lower procurement and disposal costs.
 - Decreased environmental impact.
 - Improved operational efficiency.



Product Integration: Solutions from Minimac Systems

Minimac Systems Pvt. Ltd., a Total Lubrication Management Solution company, is at the forefront of following and promoting the 3 R's of Circular Economy through Nano, Micro and Macro circularity systems. The Minimac products are all environment-friendly and CII Greenpro Certified.

Minimac Systems hasn't yet entered the Macrocircularity market. However, we plan on establishing efficient hazardous waste collection and disposal and Lubricant Recycling Units in the near future.

Mentioned below are some of our products that play an important role in bringing about Nano and Micro Circularity in the lubricants.

- **High-Velocity Oil Flushing Systems**
(Greenpro Certificate Nos. [GPMSP338001], [GPMSP338019], [GPMSP338022])
 - Removes varnish, sludge, and particulate contamination.
 - Ensures efficient pipeline integrity and system reliability.
- **Vacuum Dehydration Oil Purification Systems**
(Greenpro Certificate No. [GPMSP338003])
 - Eliminates water contamination, reducing oxidation risks.
 - Enhances lubricant efficiency and extends machinery life.
- **Portable Filtration Units**
(Greenpro Certificate No. [GPMSP338001])
 - Compact, user-friendly solutions for real-time oil purification.
 - Improves operational reliability with easy deployment.

Minimac Systems Pvt. Ltd., along with Enviro Oil Savers Association (EOSA), advocates for proactive measures in used oil management to ensure a more sustainable future.



Mr. Anshuman Agrawal | Founder & MD - Minimac Systems Pvt. Ltd.
An IIT-ISM gold medallist in Mechanical Engineering, Anshuman he leads Minimac with a passion for techno-preneurship and impacting the lubrication industry.

KNOWLEDGE CORNER

FAQ Spotlight 4

Is the GST-based sale transfer method used to allocate EPR targets from dealers to the main entity? If not, how are targets assigned?



The GST-based sale transfer method is not currently in use, so it cannot be confirmed whether EPR targets will be transferred from dealers to the main entity. However, the main entity may still have specific targets assigned if other producers list its details. Additionally, EPR targets are automatically calculated on the portal based on the sales data entered by the company.

To understand the legal framework and regulatory implications around data disclosure for producers, traders or distributors, join us in our next legal and compliance webinar.

🌟 Stay tuned for more...

MEMBER SPOTLIGHT: IFP PETRO PRODUCTS PVT LTD

Sustainability at the Core of IFP

IFP Petro Products is one of the pioneers in India's circular economy, providing complete oil solutions to industries. It was the first re-refining unit for used lubricating oil to receive approval from the Ministry of Petroleum and the Ministry of Environment. The company's mission focuses on delivering quality, sustainability, and innovation through its range of industrial oils and fuels. Sustainability is integral to IFP Petro Products' operations. The company emphasizes responsible resource management and environmental protection, with a strong commitment to achieving Extended Producer Responsibility (EPR) targets.

Our key initiatives

- **Efficient Recycling of Used Oil:** IFP refines waste oil and treats sludge—a byproduct of the refining process—to develop sustainable fuels and eco-friendly products.
- **Effluent Treatment Plant (ETP):** The ETP processes acidic residual water from refining operations, ensuring safe disposal and minimizing environmental harm. These practices highlight IFP's dedication to waste minimization, resource recovery, and fostering innovation for a sustainable future.

IFP's Samsara range of Products:

Excellence in Lubricants, Base Oils and Fuels

➤➤➤ a) Lubricants

- **Hydraulic Oil:** Premium hydraulic oils ensure smooth operation, optimal wear protection, and extended equipment life.
- **Quenching Oil:** Superior quenching oils provide excellent cooling properties for uniform hardness in metal heat treatment.
- **Gear Oil:** High-quality gear oils offering extreme pressure protection for smooth and efficient gear performance.
- **Thermic fluid:** Provides excellent heat transfer and thermal stability for efficient and safe industrial heating systems.
- **Neat Cutting oil:** Formulated for metalworking operations, ensuring superior lubrication and cooling for precise and efficient cutting.
- **Speciality oils (Honing, Ink oil, etc):** Includes Honing Oil and Ink Oil, catering to specific industrial applications with tailored lubrication and performance properties.

➤➤➤ b) Base Oil / RRBO

- **Samsara RRL (Low Viscosity):** Re-refined low-viscosity oil for applications requiring smooth flow and efficient lubrication. (Equivalent to SN 150)
- **Samsara RRM (Medium Viscosity):** Re-refined medium-viscosity oil, ensuring balanced lubrication and durability for industrial processes. (Specifications Between SN 150 and SN 300)
- **Samsara RRH (High Viscosity):** Re-refined high-viscosity oil, designed for heavy-duty applications requiring enhanced lubrication and wear protection. (Equivalent to SN 300)
- **Samsara RRH + (Equivalent SN500):** Re-refined high-viscosity oil, designed for heavy-duty applications requiring enhanced lubrication and wear protection.
- **Light Liquid Paraffin oil (LLPO):** A light-viscosity paraffin oil used in various applications due to its excellent purity and stability.

➤➤➤ c) Fuel Oil

- **LDO (Light Diesel Oil):** Versatile light diesel oil used in industrial and agricultural machinery for efficient fuel performance.
- **SKO (Superior Kerosene Oil):** High-quality kerosene oil ideal for heating, lighting, and certain industrial processes.
- **Heat XL:** Specialized heating oil ensuring optimal thermal efficiency for industrial furnaces and boilers.
- **Furnace Oil:** Cost-effective furnace oil delivering consistent heating for industrial operations and power generation.
- **LSMGO (Low Sulfur Marine Gas Oil):** A specialized fuel oil with low sulfur content, designed to comply with maritime environmental regulations and used in marine vessels for efficient and cleaner propulsion.

EOSA's support during the new EPR phase for Used Oil has been especially helpful – from educating our team to providing clear, actionable advice.



Mr. Anant Bhargava | CEO & MD
IFP Petro Products Private Limited.

Entrepreneur with 30 years of experience across various functional areas to create IFP as the most preferred used oil recycler and market leader in the country

EOSA news letter.

**THE CIRCULAR
ECONOMY IS NOT
JUST ABOUT
RECYCLING;
IT'S ABOUT
REDESIGNING
SYSTEMS FOR
SUSTAINABILITY.**

— Ellen MacArthur

STEP-BY-STEP GUIDE ON HOW TO BECOME AN EOSA MEMBER

Step 1: Scan this QR Code



Step 2: Fill out the short [google form](#)

Step 3: Receive a call back from EOSA representative within 24 hours.

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<https://www.linkedin.com/company/enviro-oil-savers-association-eosa>

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INTERESTING FACT

Did You Know?

In 2023, a prominent company was caught in a major EPR fraud case, issuing fake certificates for over 14 times its actual recycling capacity. This malpractice led to a substantial ₹128.12 crore fine from the Central Pollution Control Board (CPCB), highlighting the urgent need for stricter oversight and accountability in waste management practices.

**Join EOSA in
Making a Difference!
Be a part of the
movement for
responsible used oil
management and a
cleaner, greener future.**