

INDOCHEM[®]

LUBRICANTS





LUBRICANTS

➔ **OVERVIEW**

INDOCHEM OIL INDIA LTD. is located in Northern part of India in Gurgaon in the state of Haryana. The Company is engaged in the Manufacturing & Marketing of Automotive & Industrial Lubricants & Greases. "The Journey began in the year 1993 , and over the years the Company have grown many folds - Installations of 2 separate Plants - Dedicated for the manufacture of Grease & Lubricants" with an annual capacity of About 20000 MT. In house Quality Control Lab maintaining international standard Equipments. Bulk storage facilities for Base oils & Additives. In our business, we have used top Global Technology partners for Additives, Base oils, other petrochemicals & Raw materials. These facilities & Capabilities are capable to offer full range of Lubricants & Greases for all types of applications such as Automotive Engines, Gear & Transmissions, Industrial use including metalworking, specialty applications e.g. Rust preventives & other different Industrial applications.

➔ **OUR MISSION**

To achieve international standard in all aspects of lubricating greases with focus on customer delight through value of its products and services and responsible environmental performance. To maximize value and satisfaction for all stake holders. To attain leadership in developing, adapting state-of-art- technology for competitive advantage. To cultivate high standard of business ethics and quality and environmental management.

➔ **WE ARE A TEAM**

Customer is our first priority and customer satisfactions our moto. The philosophy along with your continued support has enabled "**INDOCHEM OIL INDIA Ltd.**" to show steady growth year after since its incorporation in 2002.Indochem Lubricants engages in manufacturing product development and marketing of lubricants and greases specialties for Automotive and Industrial. We are successfully marketing our product under the name of "**INDOCHEM**" which is known for its quality and performance. **INDOCHEM** offers a wide range of high quality products in all respective fields. our constant Endeavor to work in tandem with our customer's need, while implementing the most advance technology, supported by our technical expertise and 15 years of experience, has earned us the trust of all our valued customers



LUBRICANTS

➔ OUR VISION

Be the Dominant manufacturing Company with significant National & International presence, Integrated to lubricant and other petroleum Products

➔ QUALITY POLICY

Indochem Oil India Ltd is engaged in Manufacturing, Packaging & Marketing of Automotive, Industrial and specialty Lubricating Greases, and is fully committed to achieve customer satisfaction, continual improvement and legislative/ regulatory compliance through effective implementation of Quality & Environmental management Systems. We shall achieve this by:

- > Communicating customer requirements throughout the organization.
- > Establishing and reviewing demanding quality & environmental objectives and targets.
- > Communicating and explaining Quality & Environmental Policy to all employees.
- > Prevention of pollution and minimization of waste.
- > Reviewing Quality & Environmental Policy for continuing suitability and making it available to interested parties / public on demand.

➔ CREATIVITY AND INNOVATION

01. Customer Centric

We design products to satisfy customer needs without overdoing the things. We always learn from customer's feedback for continuous evolving of our products.

02. Price Sensitive

Our products are price sensitive as we value for each and every penny of our customer.

03. Value for money

We sell technology to make Equipment life Better, Longer, Smoother & comfortable Operation and hence value for money.



LUBRICANTS

➔ WORD FROM CEO

GREETINGS TO ALL ESTEEMED INTERNAL & EXTERNAL CUSTOMERS

I am proud to talk about our company "INDOCHEM OIL INDIA LIMITED" which began its journey in the year 1993, and have completed 25 years of a successful journey. Over the years the company have grown many folds in many respect, and the credit of our of success of long journey goes to our technology partners, service providers, our Dealers & Distributors, Our End User Inland & Foreign customers who have shown complete faith in our product line & technology, and our work force who have worked hard and have stood with us in all trying times and throughout this journey. We have believed in continuous up gradation in our product technology with the changing equipment designs in automotive and or industrial application requirements and adapting new processes to be able to service best product on most economical conditions. Our Ethical belief and work uprights been yet another strong reason for our continuous growth in terms of turn over and building confidence in our end user customers in our product line. We want to be an admired company leveraging talent and technology, and be a preferred choice to the end users of our product line in the field of solid & liquid lubricants.

I & ON BEHALF OF OUR INDOCHEM TEAM WOULD LIKE TO THANK YOU ALL ONCE AGAIN TO HAVE GIVEN US THE PRIVILEGE OF BEING ALLIED WITH YOU AND WE SOLICIT YOUR CONTINUOUS PATRONAGE IN FUTURE AS WELL.

**Roshan Lal
CEO**



LUBRICANTS

→ QUALITY CONTROL

Indochem has two world-class blending plants, both located in Gurugram (HR).

The company's laboratory is well-equipped with an advance and full complement testing machines that produce highly accurate testing analysis. this includes an advance fully automatic kinematic viscosity tester that provides efficient and accurate results. with the combination of our QC expertise and superior controlling system, our customers are assured that all batches of product will be strictly tested (in accordance to ASTM STANDARDS) before packed.

These state of art plants are certified with ISO 9001:2008 for Quality Management System & 14001:2004 Environment Management System.

The backbone of INDOCHEM is Research And Development Department. our R&D facilities include ultra sensitive instruments, computerized analyzers, scanners and sensors. It is a matter of pride to us that the entire range of INDOCHEM products has been born out of our own R&D efforts.

The credit for all this success in large measures goes to our team of highly dedicated & qualified technicians. All the tests conducted by the technicians are carried out in accordance with:

- > **BIS (Bureau of Indian Standards)**
- > **ASTM (American Society For Testing And Materials)**
- > **API (American petroleum Institute)**
- > **JASO (Japanese Automotive Standards Organization)**
- > **SAE (Society of Automotive Engineers)**



LUBRICANTS

➔ **PRODUCTS WE OFFER**

INDOCHEM caters to various automotive segments. The products are divided in the following segments:

- TWO WHEELER OIL**
- 3 WHEELER OIL**
- PASSENGER CAR MOTOR OIL**
- HEAVY DUTY DIESEL OIL**
- AGRICULTURE OIL**
- GEAR & TRANSMISSION OIL**
- HEAVY EQUIPMENT**
- GREASES, COOLANTS, BREAK FLUIDS**
- INDUSTRIAL OILS**



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE

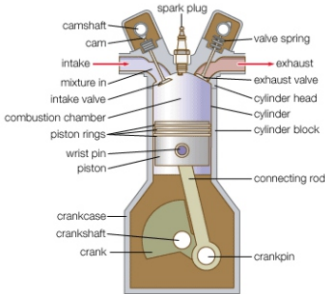


LUBRICANTS

→ ENGINE

WHAT IS AN IC ENGINE?

Internal combustion engines are the most important type of engines. In these engines, the fuel is burnt inside the engine cylinder by compressing the air and mixture and igniting it with a spark or by compressing air and spraying fuel directly on the compressed air. Main components of the engine:



TYPES OF ENGINES:

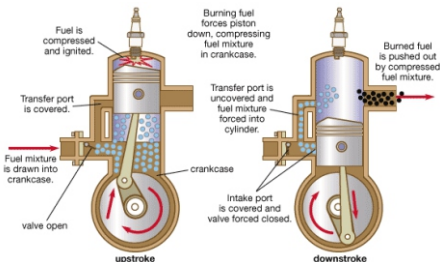
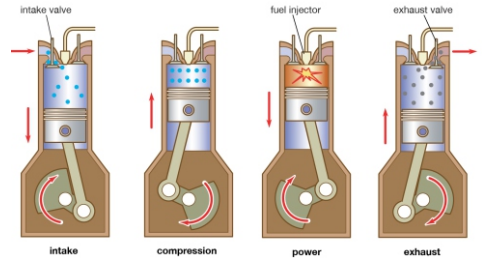
Internal Combustion engines are essentially of two types:

1. Spark Ignition Engines: In this category a mixture of air and fuel is introduced into a cylinder and compressed. An electrical spark is then introduced into the cylinder resulting in the ignition of the mixture. All petrol engines work on this principle.

2. Compression Engines: In this category, the compressed mixture of air and fuel undergoes spontaneous combustion. This principle is used in diesel engines. Both the types of engines described above, could again be of two types each:

FOUR STROKE ENGINES:

Four Stroke engines are engines where the piston undergoes a cycle of FOUR STROKES or movement to deliver a power stroke.



TWO STROKE ENGINES:

In two stroke engines, the piston undergoes a cycle of two movements to deliver a power stroke.

This is achieved through the design of the engine, by a combination of the above four strokes, resulting in only two strokes.



LUBRICANTS

➔ **Difference between Gear oils & Engine oils**

1. The basic difference is in the existence of High Pressures in the gear systems in addition to High Temperature.
2. A Grave necessity of powerful EP agents that will protect the gear surface when in contact.

Gear Lubricants must meet a number of requirements, which can be supplied only a specially formulated products. Most applications require gear oils that contain some degree of extreme Pressure (EP) or anti wear additives to prevent wear, pitting, spalling, scoring, scuffing and other types of distress that can result in equipment failure and downtime. Depending on the application, protection against oxidation, thermal degradation, rust, copper corrosion and foaming must also be provided. In addition, the viscometrics of the finished lubricant must be tailored to both the high and low ambient temperatures in which the equipment will operate.

➔ **Different Types of Gears**

1. **Spur Gear:** Spur gears transmit power through shafts that are parallel. The teeth of the spur gears are parallel to the shaft axis.
2. **Helical Gear:** Helical gears have teeth that are oriented at an angle to the shaft, unlike spur gears which are parallel.
3. **Double Helical Gear:** Double helical gears are a variation of helical gears in which two helical faces are placed next to each other with a gap separating them.
4. **Herringbone Gear:** Herringbone gears are very similar to the double helical gear, but they do not have a gap separating the two helical faces.
5. **Bevel Gear:** Bevel gears are most commonly used to transmit power between shafts that intersect at a 90 degree angle.
6. **Worm Gear:** Worm gears transmit power through right angles on non-intersecting shafts
7. **Hypoid Gear:** Hypoid gears look very much like a spiral bevel gear, but unlike spiral bevel gears, they operate on shafts which do not intersect.



LUBRICANTS

➔ **TWO WHEELER OIL**

**INDOCHEM eNDURA 4T GEN NXT API SN JASO MA 2
(MULTI VISCOSITY GRADE)**

Pack Size: 900 ml / 1 L / 55 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM eNDURA 4T High end API SL (SAE 15W-50)

Pack Size: 2.5 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM eNDURA 4T SCOOTEC API SN JASO MB (SAE 10W-30)

Pack Size: 800 ml / 210 L **(SYNTHETIC TECHNOLOGY)**

**INDOCHEM eNDURA 4T ADVANCE API SL JASO MA 2
(SAE 20W-40 / 10W-30)**

Pack Size: 900 ml / 1 L / 55 L / 210 L

INDOCHEM eNDURA 4T API SJ JASO MA 2 (SAE 20W-40)

Pack Size: 900 ml / 55 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **THREE WHEELER OIL**

INDOCHEM dYZEL Advance HDDEO API CH4/ Ci4/ SL 15W-40

Pack Size: 1 L/ 3 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM dYZEL TURBO SHEILD API CF4 15W-40

Pack Size: 1 L/ 1.5 L/ 3 L

INDOCHEM CNG SUPER API CF/SF 20W-50

Pack Size: 1 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **PASSENGER CAR MOTOR OIL**

INDOCHEM eUROtech SN/CF 5W30

Pack Size: 3 L / 3.5 L / 4.5 L / 55 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM dYZEL PREMIUM GEN NXT API Ci4+ (15W-40)

Pack Size: 7 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM CNG SUPER API CF/SF 20W50

Pack Size: 1 L / 3 L / 3.5 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **HEAVY DUTY ENGINE OIL**

INDOCHEM dYZEL Premium E7 API C14 Plus 15W-40

Pack Size: 1 L / 11 L / 15 L / 50 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM dYZEL Advance HDDEO API CH4/C14/SL 15W-40

Pack Size: 1 L / 3 L / 5 L / 6 L / 7.5 L / 10 L / 15 L / 50 L / 210 L **(SYNTHETIC TECHNOLOGY)**

INDOCHEM dYZEL TURBO SHEILD API CF4 15W-40

Pack Size: 1 L / 3 L / 5 L / 6 L / 7.5 L / 10 L / 15 L / 26 L / 50 L / 210 L

INDOCHEM dYZEL Multigrade API CF/CD/SF 20W-40/15W-40

Pack Size: 1 L / 5 L / 6 L / 10 L / 20 L / 50 L / 210 L

INDOCHEM MG SUPER API CC/ SC 20W-40

Pack Size: 500 ml / 1 L / 5 L / 7.5 L / 10 L / 50 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **AGRI & TRACTOR OIL**

INDOCHEM dYZEL TRACTOR AGRI MAX API CH 4 SAE 15W40

Pack Size: 7.5 L / 8.5 L / 10 L / 50 L / 210 L

INDOCHEM TRACTOR PLUS API CH 4 SAE 20W40

Pack Size: 7.5 L / 8.5 L / 10 L / 50 L / 210 L

INDOCHEM PSO SAE - 40

Pack Size: 3.5 L

INDO TRACTOR SAMARAT (Universal Tractor Transmission Oil)

Pack Size: 5 L / 20 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **HEAVY EQUIPMENT**

INDOCHEM ALPHA HLP 68, 46

Pack Size: 20 L / 26 L / 210 L

INDOCHEM ALPHA 68, 46, 32

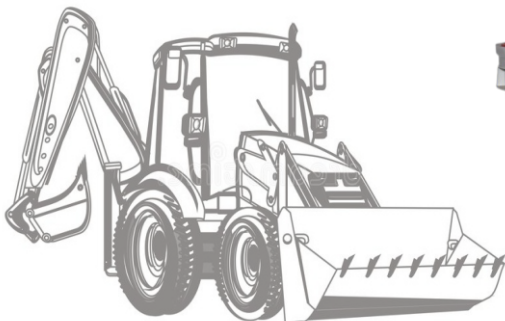
Pack Size: 5 L / 20 L / 26 L / 210 L

INDOCHEM SAE 30

Pack Size: 5 L / 20 L / 210 L

INDOCHEM 10 W

Pack Size: 5 L / 20 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **GEAR & TRANSMISSION FLUIDS**

INDO PRIME 75W-90 GL-4

Pack Size: 2.5 L **(SYNTHETIC TECHNOLOGY)**

INDO GEAR PREMIUM 85W-140 GL-5

Pack Size: 1 L / 5 L / 6 L / 12 L / 20 L / 26 L / 210 L

INDO GEAR PRIME EP- 140 GL-4

Pack Size: 1 L / 5 L / 20 L / 210 L

INDO GEAR PRIME 90 GL-4

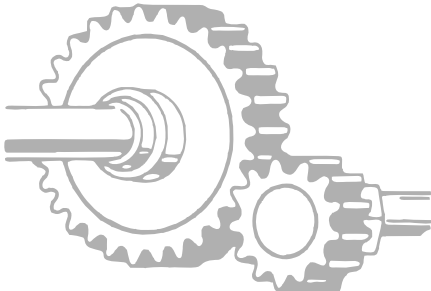
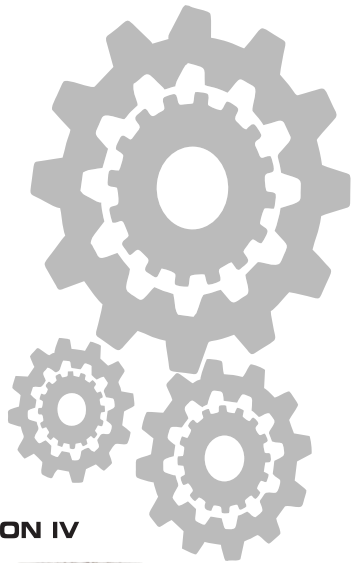
Pack Size: 500 ml / 1 L / 5 L / 20 L / 26 L / 210 L

INDO GEAR PREMIUM 80-90 GL-5

Pack Size: 1 L / 5 L / 7 L / 20 L / 26 L / 210 L

INDO TGX PREMIUM ATF DEXRON III MACRON IV

Pack Size: 500 ml / 1 L / 5 L / 15 L / 20 L / 210 L



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ GREASES

INDO POWER PERFORMANCE GREASE (125000 Km)

Pack Size: 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO POWER GEL GREASE (100000 Km)

Pack Size: 200 gm/ 500 gm/ 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO AP-LL ADVANCED GREASE (80000 Km)

Pack Size: 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO RED GEL GREASE (60000 Km)

Pack Size: 200 gm/ 500 gm/ 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO MPLL 30000 GREASE (40000 Km)

Pack Size: 200 gm/ 500 gm/ 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO CALCIUM GREASE

Pack Size: 500 gm/ 1 Kg/ 2 Kg/ 5 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO GP 3 GREASE

Pack Size: 500 gm/ 1 Kg/ 2 Kg/ 3 Kg/ 5 Kg/ 7 Kg/ 10 Kg/ 18 Kg/ 180 Kg

INDO CHASSIS GREASE

Pack Size: 18 Kg/ 180 Kg

INDO EP- 2/00/000 GREASE

Pack Size: 18 Kg/ 180 Kg





LUBRICANTS

➔ INDUSTRIAL LUBRICANTS

Industrial Gear Oils

Excellent extreme pressure properties, Multigrade gear oils facilitate easy gear shifting especially at low ambient temperatures

-> INDO MESH 68/100/150/220/320/460

Rust Preventives

These are heavy duty gear oils meant for gears/ axles operating under various combinations of high-speed shock loads and low-speed.

-> INDO RP- 901, RP- DW

Quenching Oils

Multipurpose transmission fluid, designed for use in automatic gear boxes, where GM Type A suffix A or DX I are quoted.

-> INDO QUINCH 20/ INDO QUINCH 20-HS

Circulating & Hydraulic Oils

Premium synthetic Hydraulic brake fluid to withstand sever heat & moisture conditions. It has a very high reflux boiling point good fluidity & stability

-> INDO ALPHA 32/46/68/100/150/220/320/460

Heat Treatment Oils

They operate under sever conditions leading to generate higher temperatures specially in city stop-and-go conditions requiring frequent braking.

-> INDO THERM- 500/ INDO THERM- 600/ INDO THERM SPECIAL



LUBRICANTS

Turbine Oils

Transmission/differential/hydraulic fluid formulated from high quality base oil and a performance proven additive system.

-> INDO TURBINE 32/46/68

Refrigeration Oils

Exceptional low temperature fluidity, Excellent resistance to oxidation and high thermal stability, Durability of friction characteristics and wear protection.

-> INDO TURBINE 68

Rubber Process Oils

Designed using unique Dispersants detergents (UDD technology) to provide Advanced lubricant performance in modern, low emission diesel engines, including those with EGR.

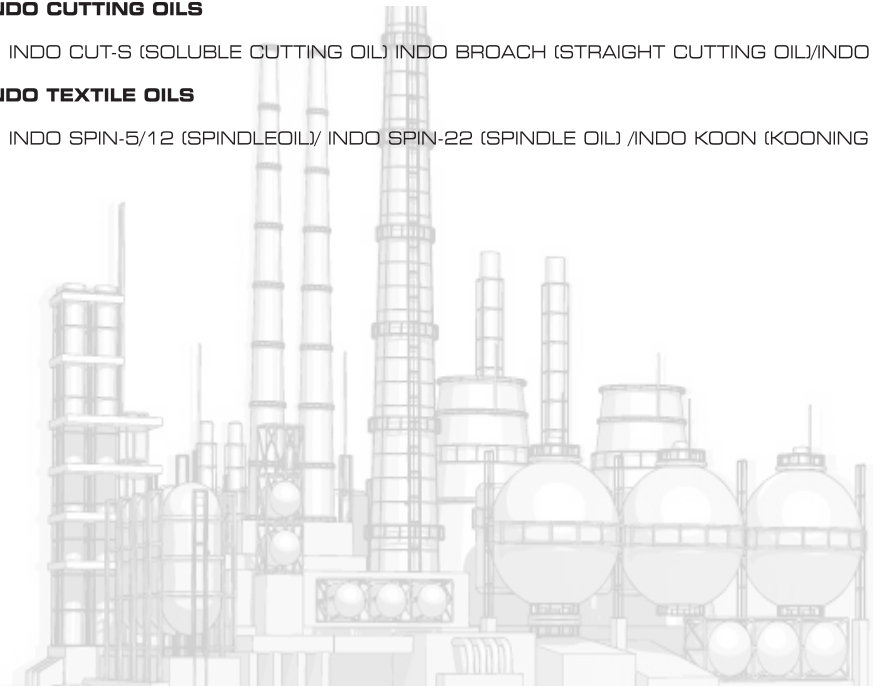
-> INDO-245/ INDO-541/ INDO-710

INDO CUTTING OILS

-> INDO CUT-S (SOLUBLE CUTTING OIL) INDO BROACH (STRAIGHT CUTTING OIL)/INDO HONE-7

INDO TEXTILE OILS

-> INDO SPIN-5/12 (SPINDLE OIL)/ INDO SPIN-22 (SPINDLE OIL) /INDO KOON (KOONING OIL)





LUBRICANTS

➔ **TECHNOLOGY PARTNERS**





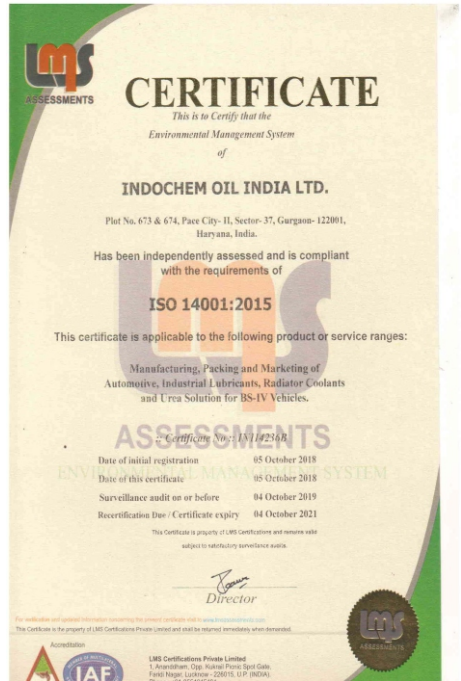
LUBRICANTS

➔ ISO CERTIFICATES

**ISO 9001:2015
QUALITY MANAGEMENT SYSTEM**



**ISO 14001:2015
ENVIRONMENTAL MANAGEMENT SYSTEM**



www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE



LUBRICANTS

➔ **CONTACT US**

INDOCHEM OIL INDIA LIMITED

Manufactured By :

INDOCHEM OIL INDIA LIMITED

Unit: 1- Plot No. **673-674**, Pace City II, Sector-**37**, Gurugram, Haryana-122001

Unit: 2- Plot No. **731**, Pace City II, Sector-**37**, Gurugram, Haryana- 122001

Help Line : marketing@indochemoils.com

Customer Care No. : **0124 - 4085673**

www.indochemoils.com

FOLLOW US ON



@indochemoilindia

www.indochemoils.com

TAKES TOTAL CARE OF YOUR ENGINE