



# HIGH PERFORMANCE LUBRICANTS FOR IRON AND STEEL PLANTS



# NEXT GENERATION INDUSTRIAL LUBRICANTS

We make **EXPECTATIONS** possible !

# COMPANY OVERVIEW



## Since 1999

We are an Indian based Lubricant manufacturing company with Global operations and which has emerged as the largest Independent Lubricating oil company. We offer a comprehensive range of Industrial Lubricants to ensure efficient production processes in Industries.

**We at Ossol are committed to give Quality products at right time.**

Quality has always been the top priority matched with strict adherence to delivery schedules and to provide innovative solutions., We develop and test hundreds of new products every year, Also, under the guidance of leading OEM's with learning their specific and distinct operating conditions, we have developed a much effective and comprehensive range of lubricants providing exceptional performance.

The Company is moving towards newer and wider in the highly competitive petroleum Industry with evident annual growth. We commit to you in creating the best lubricant solutions.

" Ossol creates value through providing exceptional quality, innovative lubricant solutions, best technical services & with most advanced technology"



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# RESEARCH & DEVELOPMENT



The Research & Development at Ossol is focussed on carrying out research to meet the needs of continued operations and development of more efficient, absolute and sustainable Lubricants.

Different types oils and additives are formulated and then evaluated in our state of art Laboratory before the best ones are selected for the testing in the machines. Oil chosen for scale testing are pushed to the limits in a range of machines, including some of the most powerful machines in the market.

Accuracy and Absolute consistency are of paramount importance and every element of the machines is evaluated and monitored to determine the effectiveness of our oils.

We create value through providing exceptional quality products, innovative lubricants solutions, best technical service with most advanced technological approach. we have gained trust of thousands of customers throughou India, making us one of the most innovative Lubricant company.

Our passion to provide the best quality products is what keeps us going eventually further, by never practically settling for the solutions that functions, but to keep looking for solutions that functions even better.

While some lubricant companies are content with doing what they have always done to help provide the best of Lubricants to the world, At Ossol we know there is always a better way, A more efficient way, A more innovative way and a way to achieve absolute Quality.

**Ossol thrives to perform exceptionally well due to our ingrained core values :  
Quality, Passion, Dedication, Endeavour, Flexibility.**



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# IRON & STEEL PROCESSING



In the world of fierce competition within Iron and Steel industries, any means to decrease operating costs and improve productivity is to be considered. Productivity demands on the metal manufacturing industry have never been greater. The equipment in today's metal manufacturing plants require specialised lubricants that perform in the harshest environments, including high temperatures, heavy loads and wet conditions.

Steel plants face very high investments costs. The investments pay off if production runs without interruptions, with every standstill having a direct impact on revenue. Machines elements are expected to run reliably for a long time. The components and lubricants are subject to high temperatures, high load, water and aggressive media. Standard lubricants are unable to cope with these requirements for very long.

To make sure your investments pay off, we offer you speciality lubricants for the entire production process. You can reduce wear reliably, even under the harshest conditions and increase the lifetime of your machines considerably.

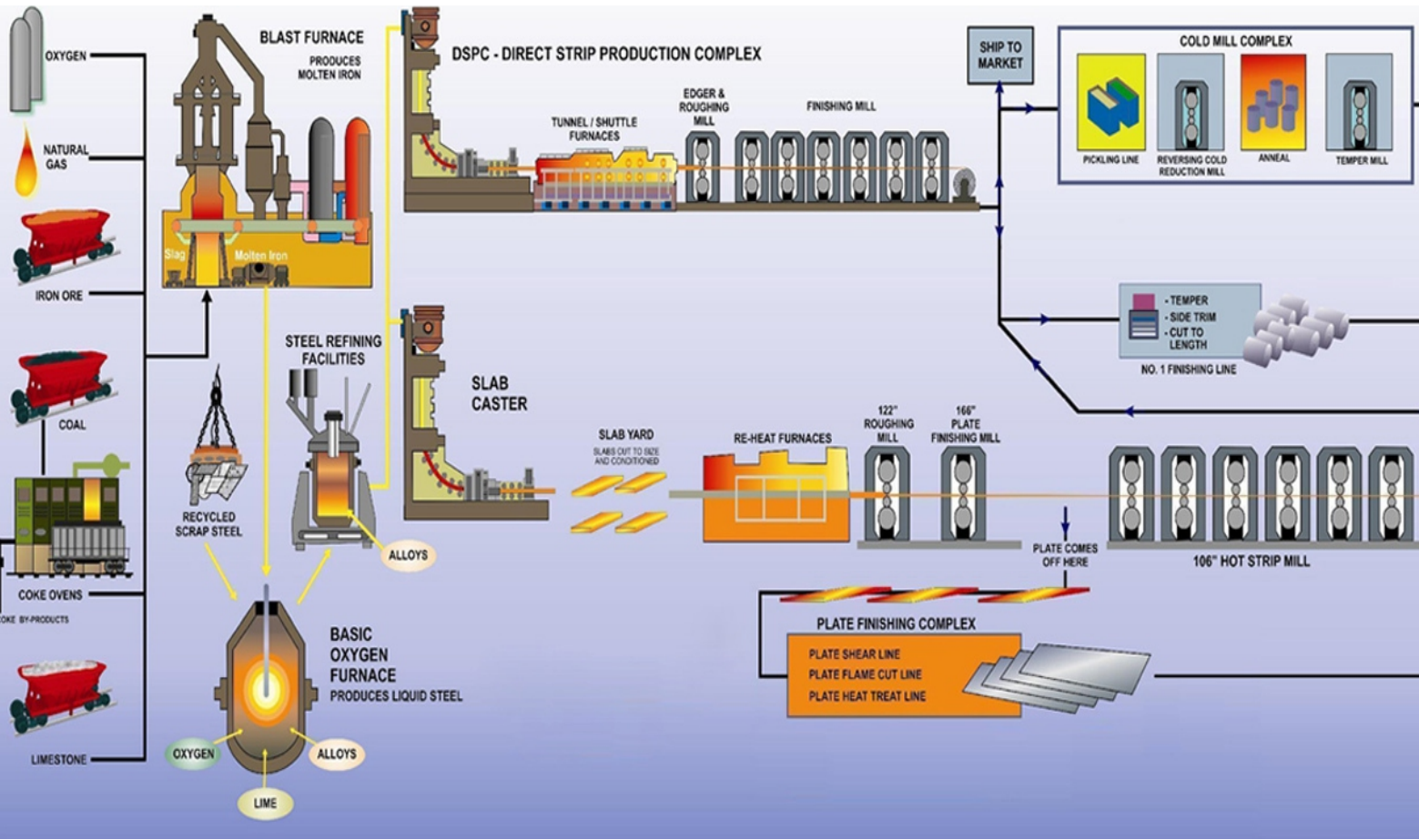
## Your benefits at a glance

- Increase uptime by extending maintenance intervals and machinery availability.
- Reduce energy costs.\
- Extends equipment life and reduce components replacements costs.]
- Decrease the volume of lubricant used and reduce waste costs.
- Improved plant efficiency for higher profits.
- Outstanding oxidation resistance.
- High adhesion properties



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# COMPREHENSIVE RANGE



Lubricants used in Iron and steel processing plants must perform effectively around the clock and under harsh operating conditions. We develop speciality lubricants for the Iron and steel industries that meet your requirements and contributing to increased plant efficiency .

- Speciality lubricants for Iron & Steel Industry
- Lubricants for Steel Industry
- Lubricants for Iron making
- Lubricants for Rolling Plants
- Lubricants for Steelworks and Continuous casting line

**Ossol understands that Iron and Steel Industry manufacturers operates under stringent constraints :**

**Requirement for Profitability**

- High level of Investment
- Lowering operating costs

**Severe operating conditions**

- High temperatures
- High Pressures

**Continuous process**

- Enhancing the service-life of equipment
- Safety of lubrication operations

**With our comprehensive range of products, you will benefit from longer equipment life, lower lubricant consumption and many other advantages.:**



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# GEAR OILS



The new continuous machines require high reliability in order to guarantee a very high productivity level. Choosing the right lubricant plays a crucial role to prolong the life of critical element of machinery.

Ossol Gear oils are premium quality extreme pressure lubricant designed primarily for the lubrication of heavy industrial gears. It is formulated with high grade base oils, which minimises sludge formation, combined with new generation extreme pressure additives to provide outstanding wear protection, excellent adhesion, good load carrying capacity and good cushioning during shocks.

Ossol Gear Oils are available in ISO viscosity grades, ranging from 68 - 1000.

## Customer Benefits

- Excellent extreme-pressure and anti-wear properties.
- High thermal stability EP system helps maintain clean gear and bearing surfaces, minimising deposits.
- Good seal compatibility.
- Outstanding protection of rust and corrosion of copper alloys.
- Excellent water separation properties.
- Maximum resistance to oxidation and degradation, ensuring long and trouble free service life.
- Retain it's extreme-pressure properties under severe conditions.
- Provide good resistance to foaming and emulsion formation.

## Ossol Product line

- Syngear Series
- Gearwell Series
- Gearwell EP Series
- Gearwell EP Q Series
- Gearwell EP Q SYN Series



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# HYDRAULIC OILS



The lubricant must guarantee the high performance where the conditions are very severe. so, choosing the right lubricant plays a crucial role to prolong the life of critical element of machinery.

Ossol Hydraulic oils premium quality, anti-wear hydraulic oils designed for mobile and stationary high-pressure hydraulic systems. The product contains stabilised zinc additives which provide outstanding anti-wear characteristics with excellent thermal and oxidation stability. The anti-wear additives of OHF HLP Series create a protective film the metal surfaces, minimising the metal to metal contact.

Ossol Hydraulic Oils are available in ISO viscosity grades, ranging from 32 - 1000.

## Customer Benefits

- Protects components of high-pressure systems.
- Protects against rust and corrosion.
- Compatible with silver and phosphorus-bronze pump components.
- Excellent anti-wear characteristics which reduces pump wear and provide long service life.
- Maintain system efficiency by rapidly releasing entrained air.
- Superior thermal stability avoiding formation of sludge even at high temperature.
- Remarkable filterability even in presence of water, and excellent hydrolytic stability avoiding filter blockage.
- Reduced maintenance and operational costs.

## Ossol Product line

- Ossotech Series
- OHF AWSeries
- OHF AW HD Series
- OHF HLP Series
- OHF HLPX Series
- OHF BDFRZ Series



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# CIRCULATION OILS



Machine reliability relies on the right methods of lubrication, the right quantities, applying intervals and the right quality. The lubricant must guarantee the high performance where the conditions are very severe.

Ossol Circulating oils are formulated from specifically selected high-quality base oils stocks and a proprietary additive system to provide superior wettability, extra oil retention and the film protection against rust and corrosion. It is designed to provide outstanding demulsibility, excellent anti-wear and anti-oxidant properties. The oils are intended primarily for the lubrication of plain bearings, parallel shaft and bevel gearings. Designed for use in applications using splash, bath and ring oil arrangements, and all other application methods involving pumps, valves and auxiliary equipments.

Ossol Circulating Oils are available in ISO viscosity grades, ranging from 100 - 680.

## Customer Benefits

- Excellent protection of critical bearings and gears
- Resistance to oxidation and thermal degradation, helping give longer oil life..
- Protects against rust and corrosion.
- Lower maintenance and operational costs, as well as inventory savings.
- Outstanding anti-wear properties.
- No deposit formation, resulting in longer life.
- Very good filterability with and without the presence of water.

## Ossol Product line

- OHF AW CO Series
- OHF HD CO Series
- OHF AWS CO Series
- OHF HLPD CO Series





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# GREASES



Greases are the best choice if the lubricant is to stay in place at the friction point long term. Not only do they provide good lubrication; they also protect the friction point against external influences like splash water, humidity, contamination and wear..

Ossol range of Greases have been globally recommended for severe application in heavy Industries such as steel, paper and cement to critical applications in intensive industries such as Automotive, food and pharma..

**Our wide range of lubricating greases are comprised on the following types.**

- Lubricating greases for valves and fittings
- Gear greases
- Pneumatic greases
- Greases for rolling and plain bearings
- Greases for lubrication of plastics
- Contact greases

**Customer Benefits OSS-LCOM XHP Series**

- Outstanding performance and protection under extreme pressure and temperature.
- Long-lasting performance protection due to durability of lubricant film.
- Enhanced anti-corrosive properties.
- Superior resistance to water washout and spray-off.
- Increased bearing life due to reduction in wear and tear.

**Ossol Product line for paper processing units**

- Ossolex Series
- Oss-Lcom XHP Series
- Osso-Shield S Series
- Ossolex EP Series
- Oss-Licomex Series
- Osso-Shield HT Series



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# ENGINE OILS



Today's equipment is working harder under harsher conditions to produce the same output as it always has. As the going gets tough, Ossol's heavy-duty engine oils provide the extra muscle your engine needs to preserve durability.

Ossol Engine oil's are extra high performance diesel engine oils that provide excellent lubrication of today's promoting extended engine life. As a result, this product meets or exceeds the specifications of virtually all major European and American engine manufacturers. This extra high performance has been proven in the field in a wide variety of industries, applications, and mixed fleets.

Ossol Engine Oils 15W40 and 20W40 are available in all API grades..

## Customer Benefits

- Reduced sludge build up, deposits and viscosity increase.
- Deposit control and acid neutralisation.
- Wear protection and viscosity control.
- Cleaner engine and longer component life.
- Strong oxidation and thermal stability.
- Longer gasket and seal life.
- Reduces wear, scuffing and abrasion.

## Ossol Product line

- Turbo Gold Series
- Diesel Master Series
- Turbo D4 Super Series
- Power SP Series



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# TURBINE OILS



As an operator or manufacturer of steam and gas turbines, you are looking for possibilities to save energy and attain higher equipment efficiency. You wish to find new ways to reach your sustainability goals - lower costs and an improved energy balance - by straightforward majors without major redesigns.

To meet these very demanding requirements, we developed the range of Ossol Turbine oils in close cooperation leading OEM's. Ossole Turbine oils are formulated from highly refined mineral base stocks together with rust and oxidation additives to extend their inherent oxidation stability and corrosion protection. Anti-wear additive system forms a protective chemical film on loaded gear tooth surfaces to assist in reducing wear and scuffing.

OssolTurbine oils are available in ISO viscosity grades, ranging from 32 - 100...

## Customer Benefits

- Low foaming tendency and air release properties.
- Excellent demulsibility and corrosion inhibition performance.\
- Outstanding thermal and oxidation stability.
- Prevents sludge formation, control deposits and minimises oil degradation leading to reliable operation.
- Excellent water separation properties.
- Provide excellent protection to geared turbines.

## Ossol Product line

- Osso-Turbex Series
- Osso-Turbex HD Series
- Osso-Turbex TLP Series
- Osso-Turbex EP Pro Series



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# SPECIALITY LUBRICANTS



Speciality lubricants for initial fill are at the core of our work. We offer our customers expert tribological solution by supplying tailor-made speciality lubricants directly to customers in almost all branches of industry and regional markets. Our customers include producers of components, modules, machines and systems as well as companies using these equipments for their own production or processing activities..

Ossol Lubricants offers approximately 700+ different speciality lubricants, many of them developed and manufactured to specific customer requirements. With competent and customer-oriented consulting and wide ranging services, our employees have established Ossol lubricant's excellent reputation as a partner to industry and trade.

With our ambitious technical concepts and experienced, competent staff we develop advanced, efficient high-performance lubricants.

## **Ossol range of Speciality Lubricants**

- Lubricants for extreme temperatures.
- Lubricants for plastics and elastomers.
- Lubricants for lifetime application.
- Lubricants for electrical contacts.
- Lubricants for food and pharma industries.
- Valve Lubricants
- High Performance multi-purpose greases
- Special EP Greases
- Bio-Hydro Lubricants.
- Release agents



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# TECHNICAL SERVICE



Ossol offers comprehensive Technical service through a PAN India available team of highly qualified application engineers. This may include the following items according to the respective Agreements:

- **Technical Inspections.**
- **Lubricant management and consultation.**
- **Sampling and analysis of lubricant samples.**
- **Creation of lubrication charts determining the monitoring or failure criteria.**
- **Custom development of lubricants**

*" We are a customer oriented Company. Our belief that everyone deserves the best quality product at the most economical price & Our dedication to reach all parts of the country is what separates us from others. We know that knowledge about product and technical support is essential for us to Discover, Develop and Deliver ".*

*-Managing Director*

