



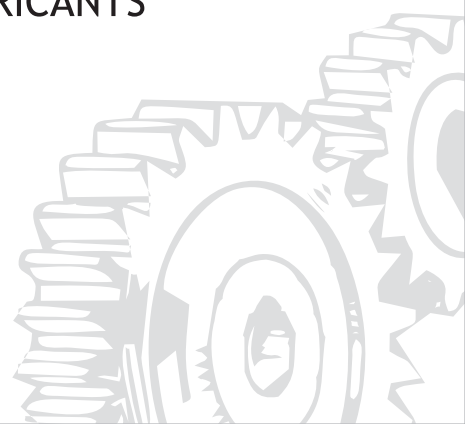
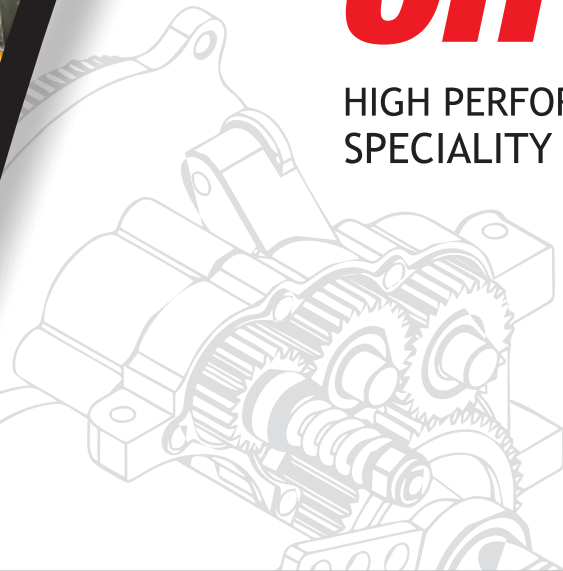
**RAJ PETRO**

A BRENNTAG GROUP COMPANY



**onwo**<sup>®</sup>

HIGH PERFORMANCE  
SPECIALITY LUBRICANTS



**Raj Petro Specialities Pvt. Ltd.** is a multi-faceted Petroleum & Lubricant manufacturing and marketing company having a complete range of Industrial, Automotive and Specialty lubricants operating since 7 decades. Raj Petro has entered a JV with BRENNTAG a Global market leader in Chemical Distribution having an annual turnover of approx. EURO 11.7 billion (USD 13.3 billion), operating in more than 75 countries globally with an employee strength of more than 15000.

Raj Petro Specialities Pvt. Ltd. - A Brenntag Group Company, having 2 state-of-the-art ISO 9001, 14001 & OHSAS 18001 certified manufacturing plants based in Chennai and Silvassa (D&H) with a strong back up of R&D Centres approved by DSIR, Ministry of Science & Technology, Government of India and NABL accredited Laboratory with a footprint in more than 95 countries across the globe. Raj Petro has a wide range of Product Portfolio under the brand names -

**ELECTROL® | RAJOL® | RAJELL® | RAJPROL® | RAQWAX®**  
**STANSOL® | ZOOMOL® | kyros™ | onwo®**

Raj Petro Specialities is a customer driven organization distinguished from its competition by a commitment to excellence and the quality of its products and services. Our success & ability to satisfy the expectation of our customers and employees are built on this excellence and team work, in a total quality environment. Raj Petro has consistently made efforts to be world class in every sphere of business.



**onwo®**  
PERFORMANCE PLUS  
OILS & GREASES  
With Technology from the UK

**ONWO®** range of high performance speciality products include specially formulated Greases and Oils based on synthetic and VHVI base oil to meet international standards.

Developed with technology from U.K., **ONWO®** products are manufactured at the Company's state of the art production unit at Chennai.

Designed to offer effective solutions to difficult lubrication and maintenance needs of the industry, **ONWO®** products withstand extremes of temperatures, high and shock loading, vibrations and high speed under dusty, wet, saturated and chemically corrosive environment. By extending the service life of lubricant as well as components, these products are designed as perpetual problem solvers that result in substantial cost savings and increased production, as compared to limited life achieved with conventional commodity products.

**ONWO®** products have been tested and proven in harsh conditions where normal Industrial Lubricants have failed to lubricate. The performance plus products include a complete range of greases & oils, designed to meet the extreme conditions of lubrication in steel, cement, mining, construction, power & automotive industry.



## HEAVY DUTY SHOCK RESISTANT GREASES



### ULTRALOAD EP2M GREASE

Specially developed lithium complex grease fortified with Molybdenum disulphide solid lubricant for applications where grease is required to cope with arduous conditions like shock loading, wet atmospheres & extreme temperatures.

Recommended for use in Crusher Main bearings; Sand Mill Gear Box bearings, Moulding M/c Main bearings, Sand Slinger Head bearings; Excavator pin and bush bearings, Roll Neck Bearings, Wire forming M/c bearings, Gantry crane bearings.

### ULTRALIFE 2M

Specially developed Multi complex grease fortified with Molybdenum disulphide solid lubricant for applications where grease is required to cope with arduous conditions like shock loading, wet areas & extreme temperatures Recommended for furnace fan bearings, paint booth conveyer roller bearings & roll neck bearings in steel mills.



## HIGH TEMPERATURE GREASES



### ULTRA HIGH TEMP GREASE 2

A medium consistency extreme temperature industrial grease for lubrication of plain & Roller bearings operating at temperatures upto 600 Deg C.

Contains dispersion of fine particle size graphite in synthetic fluid which evaporates at high temperatures without leaving any abrasive deposits. Recommended for use in furnace door hinges; conveyors chain links in annealing furnaces & walking beam furnaces.

### SYNTHETIC-HIGH-TEMPERATURE GREASE

Premium quality grease specially designed for Plain & Anti Friction bearings, designed to withstand high temperatures over extended periods without leaving any dry residues. Fortified with special EP additives and PTFE to give outstanding performance under severe conditions, including sub zero temperatures. Suitable for continuous temperatures upto 220 Deg C.

Recommended for use in bearings of annealing furnaces and drying furnaces; rotating kilns; cooling beds; conveyors; hot air blowers; special electric motor bearings and exhaust fan bearings.



### SEMI SYNTHETIC HIGH TEMPERATURE GREASE 2

Long life extreme pressure grease designed for general purpose lubrication at normal & elevated temperatures. Suitable for medium to high load applications at steady temperatures upto 160 Deg C.

Recommended for Use in plain and anti friction bearings of varnishing, drying ovens & painting booths, converters, ladles, hot air blowers, cranes & vulcanising plants.



## EXTENDED DRAIN INTERVAL GREASES



### ULTRA LIFE 2

Premium quality versatile stable, multi-complex soap thickened grease with exceptional load carrying capability. Suitable for applications in Steel & Engineering industries for extending relubrication intervals & increasing working life of components operating in hostile environments. in steel Industry .

Recommended for marine & wet area applications in paper; steel manufacturing & cement industry.



### ULTRALOAD EP2 GREASE

Specially developed lithium complex grease fortified with EP additives for applications where grease is required to cope with high & Shock Loading, as well as wet areas, & Extreme temperatures. Recommended for ball screws in CNC machines, Off highway & On highway wheel bearing applications with long drain intervals.

### ULTRA LIFE WR2 GREASE

A premium quality, extremely stable, multi complex soap thickened grease with exceptional load carrying capacity designed to provide extended Re-lubrication intervals in a wide range of applications. Has outstanding functional attributes & enhanced resistance to water. Recommended for Cold Roll Mill bearings, Tube Mill bearings, Paper, Cement & wet area application, in sewage treatment plants & slurry bearings etc..



## WATER RESISTANT GREASES



### WATERSAFE 2 GREASE

Speciality water resistant aluminum complex grease for use in all anti-friction and plain bearings subjected to medium load and extreme water or even saturated conditions. Has good dewatering properties enabling application on wet surfaces. Suitable for high temperature and water prone applications in steel & engineering industries.

### WATERSAFE 2M GREASE

Speciality water resistant aluminum complex grease with micronized Molybdenum sulfide for use in all anti-friction and plain bearings subjected to heavy load and extreme water or even saturated conditions. Has good dewatering properties enabling application on wet surfaces. Suitable for high temperature and water prone applications in steel & engineering industries.



## ULTRAGREASE WR2 & ULTRAGREASE WR2M

A premium quality, Heavy duty lithium calcium grease with synergistic additives for outstanding load bearing capacity and excellent resistance to water under extreme conditions. Exhibits good shear stability & excellent adhesive properties. Recommended for Wet area applications such as Tube Mill bearings, cement mixers, slurry pumps and paper mills.

ULTRA GREASE WR2M is fortified with MoS<sub>2</sub> to work in dirty and dusty environment along with the above benefits. Recommended for pin and bush bearings of excavators, stone crushers, Off Highway and construction equipments.



## ANTI SEIZE COMPOUNDS



### ASSEMBLY GREASE

A high performance soft grease like product with a very high content of Molybdenum disulphide for assembly and running in purposes. Designed to prevent damage during start up and protect against premature wear during the running in period.

Capable of withstanding very high pressure upto 100,000 psi. Suitable for temperatures upto 450 deg C. in steam valve stem applications.

## GRAPHITE ANTI SEIZE COMPOUND

A premium quality graphite compound for anti seize applications where low chlorine and sulfur levels are required and where a nickel based product is to be avoided. Designed to prevent damage during start up and protect against wear in adverse operating conditions.

Recommended for use as anti seize for fasteners of furnace & cooling bed & tower applications.



### COPPER ANTI SEIZE COMPOUND

A copper based anti seize compound designed for threaded connections of pipe, flanges and threaded fasteners subjected to high temperatures and/ or corrosive environment. Lead free formulation that overcomes galling on assembly and greatly reduces dismantling torque, Suitable for temperatures upto 1100 deg C.

Recommended for protection of threaded components in high temperature and corrosive environments like in valve spindles in steam valves, threaded joints in turbines, exhaust pipes, gas generators & engine heads etc...

## OPEN GEAR GREASES



### ADHESIVE OPEN GEAR GREASE 2.5

A highly adhesive grease specially developed for lubrication of open gear applications. Suitable for lubrication of all types of open gears including spur, helical & Bevel gear drives that are subjected to extreme loads, high temp. & water saturated conditions.

Recommended for crane wheel drive gears, rolling machines gear drives etc...





## HD OPEN GEAR GREASE 00

A highly adhesive grease specially developed for lubrication of dip type open gear applications. Suitable for lubrication of all types of open gears including spur, helical & Bevel gear drives that are subjected to extreme loads, high temp. & water saturated conditions.

Recommended for dip type lubrication of rotating kilns in steel and cement industry.

## HIGH SPEED GREASES

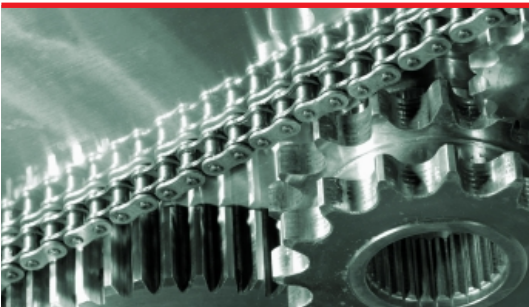


### HIGH SPEED GREASE 2

A premium quality grease with friction reducing agents specifically designed for high speed anti friction bearings. Can replace oil mist lubrication systems in many cases and thereby provide a cleaner & more economical method of lubrication. Suitable for Dm. N factors of 1,200,000. Suitable for high speed textile spinning machines, Spindle bearings of CNC Machines etc.



## HIGH TEMPERATURE CHAIN OILS



### HIGH TEMPERATURE CHAIN OILS 160; 260; 280 & G 550

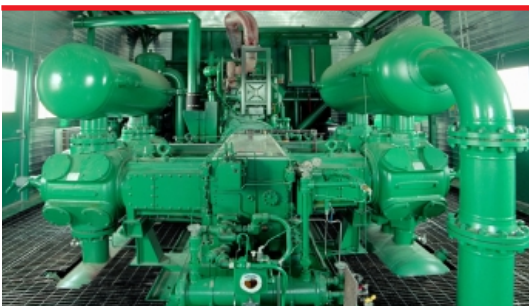
Is a non carbonising, low volatility, totally synthetic fluid containing special anti oxidants & corrosion resisting additives. Suitable for applications subjected to extremely high temperatures like conveyor chains, bakery ovens, textile stenter machines etc. Suitable for temperatures of 260 - 280 Deg C. Special version fortified with MoS<sub>2</sub> also available.

### CHAIN & GEAR OIL 150, 220

A fully synthetic Chain & gear oil with excellent adhesive & penetrating properties, which can be used for lubrication of Chains & Gear boxes. Also available in spray form.



## HI-PERFORMANCE SYNTHETIC LUBRICANTS



### SYNTHETIC COMPRESSOR OILS

A fully synthetic compressor oil suitable for demanding conditions and for continuous operating temperatures in excess of 110 Deg C with excellent oxidation & thermal stability for long drain intervals. ISO VG 46 & 68 is recommended for screw compressors. High viscosity grades of ISO VG 100 & 150 are recommended for reciprocating compressors.



## SYNTHETIC GEAR OILS

A fully synthetic heavy duty gear oil designed for demanding gear boxes, for continuous operating temperatures in excess of 110 Deg C with excellent oxidation & thermal stability for long drain intervals and recommended for gear boxes in steel industry, wind mills etc. Available in ISO VG 150; 220; 320 grades.

Polyglycol synthetic gear oils for worm gear application are also available in our range.

## CNC CHUCK LUBRICANTS



### CHUCK JAW MF2 GREASE

A synthetic oil based grease coupled with white solids & PTFE to lubricate the chuck sliding jaws at speeds up to 10,000 rpm in order to maintain accuracy of the machines in the long run.



### CHUCK JAW GREASE 2M

Specially formulated lithium complex grease with Mos2 to lubricate the chuck jaws and helps maintain machine accuracies and extends Re-lubrication intervals.

#### PACK SIZES AVAILABLE:

Greases : 5, 18, & 180 Kg - smaller packs can be provided on request.  
Oils : 5 ltr cans, 20 ltr pails & 210 ltr drums.

Customer testimonials are available on request.



## LUBRICANTS FOR SPECIAL APPLICATIONS

### ELECTRICAL APPLICATIONS

ELECTRICAL CONDUCTING GREASE - FOR SEAM WELDERS  
ELECTRO SHIELD COMPOUND - FOR SWITCHES/CONTACTS/  
FRICTION WELDING GEARBOXES  
CONDUCTING GREASE HT - FOR HIGH VOLTAGE  
APPLICATIONS.

### SEALING APPLICATIONS

SILICON VALVE SEAL GREASE - FOR VACUUM  
SEALING APPLICATIONS  
ULTRASHIELD 55 /2 - FOR HIGH VACUUM  
SEALING APPLICATIONS  
SEAL GREASE - FOR SLIP SEAL APPLICATIONS IN KILNS  
POLYON SUPER SEAL GREASE - FOR INERT SEALING  
APPLICATION & ID FAN BEARINGS  
FOODSAFE ULTRACLEAR 2/00 - FOR FOOD  
PROCESSING APPLICATIONS

### GEAR & ROPE LUBRICANTS

ROPE SAFE CR 00 - FOR WIRE ROPE APPLICATIONS  
ROPE SAFE 00 - FOR MARINE & CORROSIVE APPLICATION  
GEAR SPRAY 0 /00 - SPRAYABLE LUBRICANTS  
HD GEAR SPRAY 0/00  
XTREME HV 0 /00 - FOR OPEN GEARS  
XTREME HV PLUS 0/00 - HIGH VISCOSITY GREASE FOR  
OPEN GEARS  
ROPE SAFE BIO - FOR MARINE WIRE ROPES  
TUFCOAT 2.5 - FOR MARINE OPEN GEARS  
ADHESIVE OPEN GEAR GREASE 2.5  
- FOR BRUSH TYPE APPLICATION

### GENERAL APPLICATIONS

ELECTRIC MOTOR BEARING GREASES - FOR LT & HT MOTORS  
FURNITURE GREASES - FOR SLIDES  
DAMPING GREASE  
CORROSION PROTECTION GREASES

# onwo®

## HIGH PERFORMANCE SPECIALITY LUBRICANTS



## RAJ PETRO SPECIALITIES PVT. LTD.

Corporate Office : 2A-D, Doshi Towers, 156, Poonamallee High Road, Kilpauk, Chennai - 600 010. India.  
P : +91 - 44 - 4228 8900 | E : onwo@rajgrp.com

Registered Office : B1-101, Boomerang Business Centre, Chandivali Farm Road, Andheri (East),  
Mumbai - 400072. India. | P : +91 - 22 - 6199 3333 / 3300 | E : sales.mumbai@rajgrp.com

Our Branches: Bangalore, Coimbatore, Hyderabad, Kolkata, Jamshedpur, Bhubaneswar, Mumbai, Pune, Aurangabad, Nagpur, Vadodra, Rajkot  
Delhi, Gurgaon, Ludhiana, Jaipur

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[www.rajgrp.com](http://www.rajgrp.com)

[www.onwo.in](http://www.onwo.in)



**kyros**<sup>®</sup>

QUALITY  
PERFORMANCE  
DELIVERED



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## THE BROAD CATEGORIES INCLUDE

- HYDRAULIC & MACHINERY OILS
- METALWORKING OILS & FLUIDS
- ENCLOSED GEARBOX OILS
- CORROSION PREVENTIVES
- TEXTILE SPECIALITIES
- TURBINE OILS
- ENVIRONMENT FRIENDLY LUBRICANTS
- ENERGY SAVING LUBRICANTS
- HEAT TRANSFER FLUIDS
- COMPRESSOR OILS
- REFRIGERATION OILS
- CLEANERS & GREASES



**kyros**  
lubrication solutions **BRAND - MEANING**

As the name implies in Greek, meaning leader/master, our products are based on advanced base oil technology and have a distinct edge over the conventional lubricants.

Innovation has been our strength and we have been continuously upgrading / developing our products to meet the critical requirements of our customers.

**kyros**  
lubrication solutions **LUBRICANTS**

**QUALITY  
PERFORMANCE  
DELIVERED**

- Are carefully formulated to meet today's demanding applications.
- Are rigorously tested to meet machine manufacturer's requirements.
- Meet international quality standards through QMS.
- Are easily available to depot and distributor network across India.

## HYDRAULIC OILS

**kyros** | **HYDRASUPER®**

**KYROS HYDRASUPER® H Series** (All ISO - VG Grades): Versatile high quality circulating and hydraulic oils for common applications.

Meeting DIN 51524 Part 2, IS : 1022-1983 and IS : 11656-19. Denison HF - 0.

**KYROS HYDRASUPER® HL Series** (All ISO - VG Grades): Superior quality R & O type hydraulic and lubricating oils (classified as HL type) recommended for hydraulic and circulating systems.

**KYROS HYDRASUPER® HV Series (HV 46, HV 68 & HV 100):** Premium quality hydraulic oils with very high viscosity index recommended for hydraulic systems operating under fluctuating temperature and high shear conditions.

Meeting DIN 51524 Part 3, Denison HF - 0.

**KYROS HYDRASUPER® HM Series** (All ISO - VG Grades): High quality HLP type hydraulic oils (anti wear type) recommended for hydraulic systems operating under loaded conditions.

**ALL ISO-VG Grades : Eg ISO VG 32 to ISO VG 460, Special grades can be manufactured on request.**

## INDUSTRIAL GEAR OILS

**kyros** | **SUPERGEAR® SP SERIES**

**KYROS SUPERGEAR® SP Gear Oils** are high performance industrial gear oils formulated from high quality paraffinic base stocks and synergistic additive packages which include specially selected sulphur-phosphorus type extreme pressure compounds.

**KYROS SUPERGEAR® SP Series Oils:** Recommended for all types of heavy duty enclosed gears operating upto 100°C.

These oils are suitable for both circulation and splash type lubrication systems.

These oils exhibit excellent anti-ageing characteristics, good corrosion protection properties and excellent demulsibility.

These oils can also be used in sealed circuits to lubricate bearings, gears, regulators, chain drives and couplings.

Meeting DIN 51517 Part 3, AGMA 9005-EO2, USS 224, IS:8406-1985.

**Available in viscosity grades ISO VG 68 to ISO VG 680**

## PREMIUM TURBINE OILS

**kyros** lubrication solutions **SUPERTURBO**

**KYROS SUPERTURBO S Series:** Anti wear Turbine oils offer excellent demulsification characteristics and superior antirust and air release properties.

Meets DIN 51506 VDL, Siemens TLV 901305 approved.

Recommended for lubrication of all types of hydraulic, steam and gas turbines.

ISO VG grades from 32,46,68 and 100.

## PNEUMATIC TOOL OILS

**kyros** lubrication solutions **RDO**

**KYROS RDO 100 Oils:** Used for lubrication of rock drill jack hammers and chippers, contain tackiness, anti-wear and EP additives and are fortified with a special compound which forms a tenacious oil film.

These oils have excellent load carrying ability and rust preventive properties.

**KYROS RDO 220** is a higher viscosity grade for heavier duty.

## GENERAL PURPOSE MACHINERY, SPINDLE OILS & TEXTILE LUBRICANTS

**kyros** lubrication solutions **MACHOL & SUPERSPIN**

**KYROS MACHOL M** machine oils are general purpose machinery oils manufactured from refined mineral oils and additives. These form a thin film of oil under light and medium loads and provide rust protection even during idle conditions.

**KYROS STANKNIT HIP (VG: 22, 32 & 46):** These series oils are specially formulated non staining knitting oils designed for lubrication of knitting machines and have mild anti-static and anti-rust properties.

**KYROS MACHOL M** machine oils: Recommended for all types of industrial machinery using once through lubrication systems. These also find use in the lubrication of machine tools, textile machinery and other machine operations. KYROS MACHOL M Machine Oil grades meet IS 493 (Part 1) 1993 specifications..

**KYROS SUPERSPIN S** spindle oils: High speed spindle and lubrication of textile spindle lubrication.

(ALL ISO-VG Grades from ISO VG 32 to ISO VG 460)

## PREMIUM SLIDWAYS LUBRICANTS

**kyros** lubrication solutions **WAYLUBE**

**KYROS WAYLUBE** series oils are premium slideways lubricants containing carefully selected base oils and synergistic additives for reducing friction and allowing smallest movements to be made without stick-slip even under heavily loaded conditions.

**KYROS WAYLUBE** series oils: Compatible with water miscible cutting fluids normally used in machine tools. These oils also provide good antiwear, anticorrosion and demulsification properties.

(ALL ISO-VG Grades from ISO VG 32 to ISO VG 460)

## HIGH QUALITY COMPRESSOR OILS

**kyros** lubrication solutions **SUPERPRESS**

**KYROS SUPER PRESS C SERIES** compressor oils: High quality lubrication oils formulated from superior paraffinic base stocks and synergistic additive packages.

These oils exhibit excellent Anti Ageing characteristics, good corrosion protection properties and excellent low temperature fluidity.

(ALL ISO-VG Grades from ISO VG 32 to ISO VG 460)

## SEMI-SYNTHETIC REFRIGERATION COMPRESSOR OILS

**kyros** lubrication solutions **CRYOTEK**

Refrigeration compressor oils delivered from highly refined mineral and synthetic base oils including oils designed for compatibility with conventional as well as alternative R134a refrigerant systems. ISO VG 32 to 68 grades are available.

**KYROS CRYOTEK S** series oils are superior quality refrigeration compressor oils formulated from highly refined, low pour point base oils and selected synthetic components. These oils exhibit excellent low temperature behaviour and good solubility with common refrigerants.

**KYROS CRYOTEK S** series oils: Recommended for all types of CFC/HCFC and ammonia refrigeration systems as well as low temperature R22 systems. Available in viscosity grades ISO VG 32, 46 and 68.

**KYROS CRYOTEK S** series oils can also be used in hermetically sealed and semi-sealed compressors.

## TEMPORARY CORROSION PREVENTIVES

**kyros** lubrication solutions **CORROBAN**

State-of-the-art **KYROS CORROBAN** range of temporary corrosion protective formulated from premium oils / solvents and internationally proven additive packages. Tailor made / niche products meet the most demanding performance criteria.

**KYROS CORROBAN 900 DW Series:** Solvent based dewatering type rust preventive, leaves thin oily / waxy coating which can be readily cleaned. These are unaffected by drag-in acids and alkalis and are economical in use. These products can provide six to twelve months indoor protection.

**KYROS CORROBAN DW Series:** Solvent based powerful dewatering properties, barium & heavy metal free products intended to use indoor and outdoor storage protection. Leaves a thin waxy coating which can be readily cleaned, can provide six to twelve months protection.

**KYROS CORROBAN 1071 DW and 144 DW:** Recommended for protection of tubes, pipes, cold and hot rolled steel industry. More coverage benefit with excellent dewatering & rust protection in humid condition.

**KYROS CORROBAN 1183 DX and 823 DX:** Solvent based product with excellent dewatering and penetration properties. Suitable for protection of finished and semi-finished parts, including small components. Also suitable for CKD operation in automobile industry.

**KYROS CORROBAN 206 N:** Oil based heavy metal free product for cold and hot rolled steel industry. Also gives good lubrication properties for drawing and punching application.

## NEAT AND WATER-MISCIBLE METAL FORMING OILS & COMPOUNDS.

**kyros** lubrication solutions **ULTRA FORM**

A wide range of metal forming products for use in wire and profile drawing, tube drawing, deep drawing, punching, stamping, fine blanking as well as hot & cold rolling of ferrous and non-ferrous metals. Specialised products for forming of nuts & bolts, cold heading, cold and worm forming are also available. KYROS Ultraform Series includes neat oils, water soluble oils and pastes. These products offer excellent corrosion protection and have easy washability. A few products are chlorine free.

**KYROS ULTRA FORM AWN-902 and 902 S:** Neat drawing oils free from chlorine & sulphur, recommended for wire, profile and pipe drawing of aluminum and ferrous metals.

**KYROS ULTRA FORM HDD 140:** Heavy duty, high additive content, chlorine containing lubricants for deep drawing and cold forming of metals.

**KYROS ULTRA FORM HDD 181, 281 & 381 M:** High performance neat oil for use in most severe metal forming viz : cold heading, extrusion, deep drawing etc.

**KYROS ULTRA FORM SVO Series:** Residue free, vanishing type low viscosity oils for stamping of thin sheets of ferrous (steel) and non-ferrous materials.

## WATER-MISCIBLE METALWORKING FLUIDS:



High performance water miscible metalworking fluids, available as soluble, semi-synthetic & synthetic types and suitable for use with water of varying hardness for machining of ferrous, aluminum and non-ferrous metals & alloys. These oils offer enhanced sump life, increased tool performance and life, as well as good resistance to bacteria, corrosion and foaming. These products have good skin compatibility and are free from toxic ingredients, thereby eliminating disposal related problems.

**KYROS EPSOL SUPERKOOL 700, 500:** Water-miscible high performance semi synthetic coolant for machining & grinding of aluminium, steel & SS. These products offer excellent emulsion stability, extended tool life, long sump life, superior hard water tolerance and low-foaming characteristics.

**KYROS EPSOL SUPER S-3, S-2, S-1:** High oil content water-miscible coolant for general machining & grinding of steel, aluminium & cast iron components. Provides high level of corrosion protection, bio-resistance having very good anti-foam characteristics. Products are free from chlorine, nitrite and phenolic compounds and very much operator friendly.

**KYROS EPSOL S 101/B, 100B, 108:** Water-miscible semi synthetic coolant for Cast Iron, Steel and other ferrous component machining. Provides excellent bio-stability, hard water tolerance, and longer sump life.

## NEAT CUTTING OILS



High quality neat cutting oils based on severely refined narrow cut base oils, designed for general purpose to serve machining operations of all metals. Both chlorine containing and chlorine free versions are available.

Ferrocute cutting oils enhance tool life, last long, have acceptable odor and exhibit desired skin compatibility. Some of the Ferrocute oils are low evaporating & anti-mist type Biodegradable products free from mineral oil are also available.

**KYROS FERROCUT 12, 22, 28 CF:** Formulated with severely hydro-treated base oil and chlorine free advanced additives for excellent EP & lubricity properties along with anti-mist characteristics. Recommended for milling, thread cutting, gear shaping, broaching and deep hole drilling operations of difficult-to-machine ferrous materials. These oils are not recommended for machining yellow metals.

**KYROS FERROCUT HSG Series:** Chlorine free high-speed grinding & machining oil based on superior quality base oil & EP additive to provide excellent cooling at higher feed rate. Have excellent detergent and dispersing quality. Enhances tool life with superior corrosion protection. Suitable for machining of ferrous and non-ferrous metals.

**KYROS FERROCUT GD 15 SUPER N:** Specially formulated oil for deep hole drilling application for superior tool life with low misting & low foaming. This oil is not recommended for machining of yellow metals.

**KYROS FERROCUT 10M:** Specially formulated oil used for broaching, thread cutting, gear machining, valve seat grinding of ferrous metals and alloys. This product is not recommended for machining of yellow metals.

**KYROS FERROCUT G Series:** General purpose neat cutting oils formulated from best quality hydrocracked base oils with EP additives & lubricity improvers for enhanced tool life. Recommended for both ferrous and non-ferrous metals for milling, drilling, reaming and other similar application. Available in different viscosity ranges.

**KYROS FERROCUT A Series:** Chlorine & Zinc free, low misting - low foaming oil used for both machining & grinding application of steel, cast iron and ferrous alloys. Formulated with new generation EP additives for improved load bearing capacity and reduced wear between tool and work piece. Available in different viscosity ranges.

**KYROS FERROCUT R 150:** Special purpose high viscosity oil used in cutting operations under extreme load and higher temperature conditions. Recommended for cold forming of nuts & bolts for ferrous & non-ferrous metals along with slideway lubrication.

**KYROS FERROCUT G-05 S & G-05 SS Series:** Formulated with high quality hydro-cracked base oil & balanced additives, these oils are used for machining small capacity automats as well as in high speed nut forming machines for ferrous & non-ferrous metals.

**KYROS FERROCUT H 110, H51/CF:** High performance chlorine free honing oil provides excellent flushing properties, facilitates rapid sedimentation of impurities, demonstrate less evaporation loss and minimum skin irritation.

**KYROS FERROCUT XA:** Specially formulated non-staining oil for machining of non-ferrous metals like aluminium, contains highly effective extreme pressure additive, oxidation inhibitors for enhancing sump life and coagulants for facilitating easy filtration of aluminium fines.

**KYROS FERROLAC 3M:** Very low viscosity super finishing oil used for lapping, honing and other similar finishing application on steel, grey cast iron. Also used for EDM operations. Transparent for optimal visibility during machining operations.

## PREMIUM HEAT TRANSFER / QUENCHING OIL



A complete range of quenching, tempering and heat transfer oils is available from the Raj Petro. The product range includes Bright Quenching Oils; High Performance Quenching Oils, High Ageing Resistant Hot Oil Quenchants, Tempering Fluids and Heat Transfer Oils. These oils are thermally stable, having high flash points & low evaporation losses and are developed to satisfy all metallurgical, ecological, hygienic and workshop safety requirements.

**KYROS FERROQUENCH® Series Oils** are premium heat treatment oils formulated from highly refined base mineral oils designed for quenching of metal components and parts, yielding clean surface free of carbon residue. The Series includes Straight Mineral Oil Type Quenching Oils, Compounded Oils and Oils fortified with selected additives for optimum performance and enhanced life.



## GREASES

**KYROS LUBRITEK GREASES** are high performance products manufactured at the Company's state-of-the-art grease manufacturing plant located at Chennai, India. The manufacturing facility is backed by a sophisticated Quality Control and R&D facility which includes a number of simulation tests for performance evaluation of greases. Only the premium category base oils, thickeners and additive systems go into the manufacturing of **KYROS LUBRITEK Greases**.

**KYROS LUBRITEK AP Series:** Premium quality multi-purpose lithium soap thickened grease, which are highly resistant to water, provides adequate rust & oxidation protection and shear stable. These smooth textured excellent film forming greases are suitable for general purpose industrial grease application in bearing & sliding lubrication under moderate loads & temperature (up to 120°C). Available in popular NLGI grades.

**KYROS LUBRITEK EP Series:** Premium quality multi-purpose lithium soap thickened grease with extreme pressure additives for enhanced load bearing capabilities. Available in popular NLGI grades.

**KYROS LUBRITEK LC Series:** High temperature multi-functional lithium complex grease, which are highly resistant to water, provides good anti-wear & EP properties. These premium greases are suitable for antifriction bearing, gears, rolling and regular contact bearings and all equipment operating under medium loads & temperature (up to 150° C). Available in popular NLGI grades and also with Moly version for better load carrying.

**KYROS LUBRITEK HT Series:** High temperature Non-soap grease based on inorganic thickener system. It forms a durable, non-melting lubricating film provides lubrication at high temperatures, resulting in reduction of maintenance and downtime costs. Also available with Moly version for better load carrying.

**KYROS LUBRITEK RT Long Life Grease:** Specially formulated for high performance heavy duty long life automotive applications. This lithium-based grease is recommended for all types of wheel bearings operating under severe long-haul condition, frequent braking and shock loads. Can also be used for general lubrication of universal joints, suspensions and other components.

**KYROS LUBRITEK WR2:** Specialised water-resistant lithium calcium based grease for lubrication in cement, paper, mining, heavy machinery and automotive industries for all types of bearings, couplings and sliding mechanisms.