



# Industrial Speciality Lubricants Company S.A.E

**Lubricants for Precision Engineering**



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# ABOUT US

Industrial Speciality Lubricants **ISLUB**  has been a leading Egyptian manufacturer of high-quality lubricants since 2006.

Our expert knowledge and experience reside in the wide customer base in the industrial sectors and the multiple solutions we provide to them

We offer unique speciality lubrication solutions for the most harsh and exceptional operating conditions through a highly dedicated and specialized team of R&D, production, and sales.



Authenticity



Customer  
Care



Scientific  
Approach



Teamwork,  
Commitment



Health &  
Environmental Care

# UPGRADE YOUR PERFORMANCE



## We help increase your profits

Whether it is through our product's benefits (increased production, reduced maintenance) or our services (technical support, training), we help you to reduce costs and maximize production output which lead to your profits increasing.



## Tailor made products

Our wide range of industrial speciality lubricants is developed according to international industrial standards and OEM specifications, to fulfill their technical requirements and attuned to withstand the harshest working conditions.



## Extended Tool Life

Our products help your tools and machinery to operate more smoothly, eliminate downtimes and thus extending their life time.



### Perfect surface Finish

Our lubricants guarantee perfect surface of the work piece and helps to create pieces without defects, maximizing your production.



### Constant Technical service

Our strong technical team provides consultation to advice on the best lubricants choice.

They will help you clean, disinfect and charging your machines.  
We also provide staff training for your technicians.



### Safe to use

**ISLUB** products are environmentally attuned to ensure health and safe limits for operators. they are non-toxic and non-polluting when used according to industrial health and safety.

# STANDARD PACKING

Depending on the product specifications and requirements our products are available in the following packing:



16 Liters  
**Pail**



209 Liters  
**Drum**



1000 Liters  
**Bulk**



A close-up photograph of a metal workpiece, likely a cylindrical part, showing a circular hole. The surface of the metal is textured with fine, parallel lines, characteristic of a turned or machined surface. The lighting is dramatic, with strong highlights and deep shadows, emphasizing the metallic texture and the circular opening. A bright yellow horizontal banner is superimposed over the center of the image, containing the text "Metalworking Lubricants" in a bold, black, sans-serif font.

# **Metalworking Lubricants**

# Forming



Deep Drawing  
Lubricants



Die Casting Oils



Rolling oils



Wire Drawing  
Lubricants





# Deep Drawing Lubricants

## DYKOLUBE 5306

### Description

**DYKOLUBE 5306** is specially formulated for single stage drawing like propane gas bottles, bathtubs, and sharp-edged car parts. It is water emulsifiable to suit different and most extreme applications. It can be used concentrated or diluted according to the operation severity.

## DYKOLUBE 5307

### Description

**DYKOLUBE 5307** compounds are Extreme Pressure deep drawing lubricant compounded from medium viscosity mineral oil. These products are compounded with lubricity agents in additions to extreme pressure additives for heavy-duty stamping, piercing, coining and drawing operations.





## DYKOLUBE 5308

### Description

**DYKOLUBE 5308** is suitable for the most difficult operations of single and multi-stage forming, deep drawing, tube bending, drawing of bathtubs and propane gas tanks. The lubricant is used neat as it is, without dilution, and can be cleaned with alkaline cleaners or vapor degreasers.

## DYKOLUBE 3300 CH

### Description

**DYKOLUBE 3300 CH** compounds are extreme pressure fortified mineral oils designed for heavy-duty stamping, piercing, coining, and drawing operations. **DYKOLUBE 3300 CH** is widely used in combined drawing, forming and blanking, and operations stainless steel kitchenware, etc.



# DYKOLUBE 5311

## Description

**DYKOLUBE 5311** Lubricants are extreme pressure low viscosity mineral oils designed for heavy-duty stamping, piercing, coining, and drawing operations. These products are compounded with lubricity agents in addition to extreme pressure additives.

**DYKOLUBE 5311** lubricants afford a great deal of versatility. DYKOLUBE 5311 is effective on the most difficult operations that include multi-stage forming, drawing, deep drawing, and tube bending and afford a great deal of versatility.

**DYKOLUBE 5311** is used in drawing sharp-edged appliances, car parts, and those applications where high extreme pressure and easy to wash product is required.



# DYKOLUBE 5312

## Description

**DYKOLUBE 5312** compounds are Extreme Pressure deep drawing lubricants compounded from medium viscosity synthetic oil. These products are compounded with lubricity agents in addition to extreme pressure additives for heavy-duty stamping, piercing, coining, and drawing operations.

**DYKOLUBE 5312** affords a great deal of versatility where round and sharp edges exist.

**DYKOLUBE 5312** is effective in the most difficult operations, including multi-stage forming, drawing, deep drawing, and tube bending.

**DYKOLUBE 5312** is easily washable by water and diluted with mild industrial detergents.



## DYKOLUBE 5313

### Description

**DYKOLUBE 5313** is a soluble oil used for moderate to heavy-duty stamping and drawing of steels, galvanized steels, and stainless steel.

- Provides excellent long-term corrosion control and is hard water stable.
- Provides good microbial control and extends tool life

## DYKOLUBE 5314

### Description

**DYKOLUBE 5314** compounds are extreme pressure compounded fortified mineral oils designed for heavy-duty stamping, piercing, coining, and drawing operations. These products are compounded with lubricity agents in addition to extreme pressure additives.



# DYKOLUBE 5315

## Description

**DYKOLUBE 5315** lubricants are Extreme Pressure low viscosity mineral oils designed for heavy-duty stamping, piercing, coining and drawing operations. These products are compounded with lubricity agents in additions to extreme pressure additives.

**DYKOLUBE 5315** lubricants afford a great deal of versatility. **DYKOLUBE 5311** is effective on the most difficult operations that include multi -stage forming, drawing, deep drawing and tube bending.





# Die Casting Oils

## DYKOLUBE 302 NS

### Description

**DYKOLUBE 302** is a new technology die casting oil composed of micro-emulsion and release agents. It is water miscible and **silicone free**, having an outstanding performance along with environmental care.

It is versatile for different kinds of applications in the die casting of non-ferrous metals like Aluminum, Zamak, Brass and many other alloys, being extremely successful for producing high volume castings weighing over 25 kg.

**DYKOLUBE 302** is suitable for automatic and manual application and it is non-flammable (water based lubricant), causing no stains or excessive smoking.





# DYKOLUBE 301 D

## Description

**DYKOLUBE 301 D** is water miscible mold release agent for aluminum die-casting it contains a special high temperature resistant additive package for best performance and cleanliness of the die.

**DYKOLUBE 301 D** formulated for production of bright, clean parts in the casting of magnesium and Aluminum alloys. It is fortified with a special corrosion inhibitors, and bactericide, to insure long life of the product. The good wetting capacity of the mold release agent ensures that a uniform film is formed in the die cavity and gives the die casting a bright and shiny surface.

# Rolling oils

## DYKOROLL 10

### Description

**DYKOROLL 10** is a product formulated with low viscosity base oil; indicated to produce high quality, bright and clear cold-rolled aluminum sheets. It contains suitable EP additives that offer a super finish and a non-staining surface.

## DYKOROLL 12

### Description

**DYKOROLL 12** is a synthetic oil that can be added to the product at 5-8% concentrations, depending on the rolling conditions. A higher concentration can be used with higher viscosity base oil for greater thickness.





## DYKOROLL 15

### Description

**DYKOROLL 15** is an evaporative stamping oil for aluminum sheets in packing industries.

## DYKOROLL 30

### Description

**DYKOROLL 30** is a premium petroleum fluid for cold rolling of thin sheets of steel and other non-ferrous materials. It features a high flash point and low viscosity. It has clean and clear appearance together with extremely low odor, giving excellent operator acceptance.

Other applications of the product include:

- Cutting and stamping
- Burnishing operations.
- Forming on roller machines and presses with multiple slides.
- Operations of low thicknesses joggling.

# DYKOROLL 70 N

## Description

**DYKOROLL 70** is an emulsifiable hot rolling oil designed to give stability at high rolling temperatures, allowing excellent performance, surface finish and minimizing oil consumption per rolled ton.

The product is recommended for:

- Hot rolling of aluminum and its alloys.
- Rolling of copper, copper alloys and mild steel.
- Hydro-forming of copper and brass.





# Wire Drawing Lubricants

## DYKOLUBE 3170

### Description

**DYKOLUBE 3100** is formulated for drawing of **Copper** wires. It is suitable for intermediate, fine and super fine thickness of plain and tinned copper in all single and multi-wire applications. It forms a stable emulsion and resist microbial contamination. It is recommended for the high-speed drawing of small diameters of 0.2 mm and above.

## DYKOLUBE 3300 AL

### Description

Drawing of Aluminum wires in long bed multi-draw machines for wet type intermediate machine, high-speed machine, and Aluminum wire from 9.0 mm down to 0.5 mm. Offers extremely stable viscosity and long sump live.



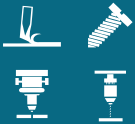
# DYKOLUBE 3305 ALUM

## Description

**DYKOLUBE 3305 ALUM** compounds are EP /Lubricity fortified Mineral oil designed for heavy duty wire drawing operations where a staining is avoidable especially in Aluminum and non-ferrous metals. These products are compounded with lubricity agents in additions to extreme pressure additives; it does not contain free sulfur which is staining to non - ferrous alloys.



# Machining



Neat Cutting Oils



Soluble Cutting Fluids



EDM Oils



Quenching Oils





# Neat Cutting Oils

## DYKOLUBE 404

### Description

Neat cutting oil specially developed for medium severity machining of steel, copper and some aluminum alloys. It provides excellent protection against corrosion.

**DYKOLUBE 404** is recommended for cutting, sawing, drilling, turning and grinding operations for all kind of CNC designs.

## DYKOLUBE 407

### Description

Chlorine free neat cutting oil, for machining of all ferrous metals and Aluminum alloys in normal duty applications. It does not stain Aluminum, steel, carbon steel, Copper and many other alloys.





# DYKOLUBE 408

## Description

**DYKOLUBE 408** is a metalworking fluid specially designed to offer an optimum balance of lubricity and EP performance for quality finishes on mild, hardened steel (1018 and 4140), and Aluminum (606).

It is blended with double treated medium viscosity base oils for best cooling effects, and has a special inhibitor package that provides excellent protection against corrosion.

**DYKOLUBE 408** should be used neat for heavy-duty machining, cutting, sawing, boring, drilling, turning and grinding operations in all CNC machine designs. It gives off minimum harmful fumes for the environment and operators health.



# DYKOTE 4400

## Description

Low viscosity neat cutting lubricant with extreme pressure and anti-wear additives. It is specially formulated for deep-hole drilling operations requiring superior cooling and good chip flushing.

Recommended for operations where temperatures are limited and staining is not a problem with copper compounds.

**DYKOTE 4400** should be applied neat without dilution in deep-hole drilling, broaching, threading, tapping, trepanning, and gun-drilling operations on the most difficult alloys.





# DYKOLUBE N34

## Description

**DYKOLUBE N34** is a special neat cutting lubricant for use in most tough threading operations. It is formulated with special proprietary extreme pressure additives, for precision threading operations of the most difficult alloys.

- Should be used neat in most medium to high-speed operations.
- Provides excellent finish to the work piece.
- Longer tool life.

# Water Soluble Cutting Fluids

## DYKOLUBE 1100

### Description

**DYKOLUBE 1100** is water soluble cutting fluid recommended for milling, drilling, turning and grinding operations. It provides superior cooling and lubricity properties for general purpose and average load machining operations.

- It is suitable for all ferrous and non-ferrous metals.
- Contains a corrosion inhibitor package and a special biocide for good microbial resistance.
- Its service life last up to 5 to 6 times compared to regular coolants.
- Maintains a super finish for the product surface and longer tool life.





# DYKOLUBE 1100 EP

## Description

**DYKOLUBE 1100 EP** is a high-performance semi-synthetic fluid for the most extreme operation conditions. It combines the cooling properties of conventional soluble oils with Extreme Pressure properties.

The product acquires its super performance from a special additive package that includes extreme pressure, anticorrosion and microbial resistance. It provides outstanding lubrication performance, maintaining a perfect finish for the materials and longer tool life in all operations.

**DYKOLUBE 1100 EP** allows diversified applications, including high-speed and high-temperature cutting, milling, drilling, turning and threading, CNC machines and sawing operations.



# DYKOLUBE 5190

## Description

**DYKOLUBE 5190** is a semi-synthetic fluid with low mineral oil content; It is developed for general purpose machining of all ferrous metals including carbon cast steel, grey iron, and high alloy steel.

- It has a special biocide package to resist microbial growth providing maximum corrosion and rust protection on machined parts.
- It has excellent foam resistance characteristics to resist high-pressure applications.





# DYKOTE 5500

## Description

**DYKOTE 5500** is a fully synthetic metalworking fluid for grinding and machining of all ferrous metals. It provides optimum lubricity and detergency for quality finishes on machined parts while leaving a very light protective film.

The product is blended with multi-metal rust and corrosion inhibitors and resists microbial degradation. Recommended for machining of iron, steel, copper, and aluminum.

**DYKOTE 5500** is one of the best options to protect the carbide tool from cobalt leaching in the solution.

It should be diluted in water for most cutting and grinding operations, and neat in some slow and extreme operations. It has special foam resistance characteristics to withstand high-pressure fluid stream.





# DYKOLUBE 5700

## Description

**DYKOLUBE 5700** is a synthetic metalworking fluid designed for efficient machining of difficult materials, including carbon cast-steel, grey iron, high alloy steel and special Aluminum alloys for car parts. It provides an optimum balance of lubricity and detergency for quality finishes on machined parts.

Its special corrosion inhibitor package leaves a very light fluid film, providing excellent protection against rust and corrosion. It is non-staining for Aluminum and Copper.

Used diluted in water for general purpose cutting operations in all CNC designs, surface and cylindrical grinding at high-speed and temperature.





# EDM Oils

## DYKOLUBE EDM 20

### Description

**DYKOLUBE EDM 20** is an Electrical Discharge Machine oil based on premium and highly refined petroleum fluids. It features a high flash point and low viscosity, recommended when sharp and high-precision operations are required.

- It has a good dielectric properties for reduced polishing times.
- Constant viscosity over the life of the fluid.
- Its clean and clear appearance with extremely low odor gives excellent operator acceptance.

# Quenching oils

## DYKOLUBE 1080

### Description

**DYKOLUBE 1080** is made from highly refined **paraffinic** base oils. It contains a special additive package for enhancing heat dissipation, oxidation stability, corrosion protection and rust inhibition.

It is suitable for use as bright quenching oil, exhibits very low-carbon residue and provides very high brightness, especially on heat treated screws.

DYKOLUBE 1080 meets **Bohler Brightness** requirements for cold quenching.





## DYKOLUBE 2200

### Description

**DYKOLUBE 2200** is a synthetic aqueous base fluid with corrosion inhibitors for quenching operations. It is completely soluble in water allowing perfect homogeneity.

In proper concentrations, adequate rate of agitation and bath temperature, the solution can control a lot of quenching operations eliminating fire hazards easily.

## DYKOLUBE 2300 L

### Description

High-temperature quenching oil made from highly refined paraffinic base. Specially designed for the production of very hard parts where distortion of the quenched parts cannot be tolerated.

It contains a special additive package to enhance heat dissipation, corrosion protection and rust inhibition. It can be used in baths up to 176°C.



# DYKOLUBE 2400 B

## Description

**DYKOLUBE 2400B** is made from highly refined paraffinic base oils, fortified with a special additive package to enhance heat dissipation, oxidation stability, corrosion protection and rust inhibition.

It is specially blended for quenching operations of very hard parts, where distortions of the treated parts cannot be tolerated.

DYKOLUBE 2400B is suitable for cold baths and meets **Bohler Brightness** requirements. The bath temperature should be maintained as low as possible to achieve the desired metallurgical results.





## DYKOLUBE 475 POLYMER QUENCHANT

### Description

**DYKOLUBE 475** is a poly-vinyl-pyrrolidone (PVP) based on quenchant. It is slower cooling rate during the critical transformation temperature range minimizes cracking and distortion and so enables the treatment of higher hardenability steels unsuitable for quenching in PAG type quenchants.

**DYKOLUBE 475** eliminates the smoke, fume, and fire hazards associated with oil quenching and provides flexibility of quenching speed.

**DYKOLUBE 475** nitrile free corrosion inhibitor system provides excellent protection to quench tank, fixtures and fittings, cooling system and associated pipe work.



# Machinery



Sliding Surfaces Oils



Spindle Oils





# Sliding Surfaces Oils

## DYKOSLIDE SERIES

### Description

**DYKOSLIDE** series are made from highly refined paraffinic base oils fortified with a special additive package. It is specially designed for the lubrication of horizontal and vertical slideways.

- Has outstanding stick-slip performance.
- Provides high oxidation stability, corrosion and rust protection.
- Separates readily from water-based cutting fluids.

The product is available in ISO viscosity grades 68, 100, 220, and 1000.



# DYKOSLIDE EXCEL 32 - 68 - 220

## Description

**DYKOSLIDE EXCEL** series are special product made from high-quality, high viscosity index oils. It combines the anti-stick slip properties of slideway lubricants with the anti-wear properties of hydraulic oils.

It is available in three grades 32, 68 and 220, covering most industrial applications, and meets the specifications of machine tool and hydraulic pump manufacturers:

- DIN 51524, part 1 (HL); DIN 51517, part 2 (CL);
- AFNOR NF E 48-603 (HL);
- Cincinnati-Machine P-38 (HL-32), P-55 (HL-46), P-54 (HL-68), P-57 (HL-150), P-62 (FC-10).





# Spindle Oils

## DYKOLUBE ADVANCE SERIES

### Description

**DYKOLUBE ADVANCE** is made of a premium and highly refined petroleum fluid that features high flash point and low viscosity for high-speed spindle machine tools.

It has special lubricity characteristics for metal-to-metal anti-weld properties and its stability provides a constant viscosity over the life of the lubricant.

**DYKOLUBE ADVANCE** is available in ISO viscosity grades 10, 15, 22, and 32.



# Foundries and Steel Industries



# Foundries



Continous Casting Oils



Fire Resistance Hydraulic  
Fluids





# Continuous Casting Oils

## DYKOLUBE CC 300

### Description

**DYKOLUBE CC 300** is a natural synthesized casting oil, engineered from highly refined biodegradable and non-toxic oils for environmental protection.

Its special non-staining additive package offers strong polar and wetting properties for ease mold release.

**DYKOLUBE CC 300** is recommended in steel mills to release steel billets, as well as Aluminum billets. It is used neat for circulation, or sprayed for best surface coverage to avoid any defects.





# Fire Resistant Hydraulic Fluids

## DYKOLUBE FR 200

### Description

**DYKOLUBE FR 200** is a water glycol fire resistant hydraulic fluid (WGHF). It provides superior vapor and liquid phase corrosion protection compared to traditional WGHFs. It is formulated for hydraulic equipment using vane, gear, and piston hydraulic pumps operated in Steel, Aluminum Mills, and Die casting industries.

Its innovative friction modifier gives excellent pump lubrication, protecting the equipment under severe operating conditions. It can be used all seasons due to its low pour points and a high viscosity index, which provides a better performance and pump-ability starting from 0°C.

It does not form sludge and last longer with proper equipment maintenance. Among other properties, its additive package has outstanding stability to oxidation and shear stability as well as anti-wear properties.



# DYKOLUBE HFDU 46 - 68

## Description

**DYKOLUBE HFDU** is a hydraulic oil with superior fire resistance characteristics. Provides low pump wear due to excellent pump lubrication, and its anti-wear agent shows a pump life increase by at least 20%, compared to conventional HF.

It does not contain water, mineral oil, or phosphate ester; it is based on high-quality synthetic organic esters and carefully selected additives to achieve excellent hydraulic fluid performance. It can be used in environmentally sensitive hydraulic applications, without compromising the overall hydraulic system operations.

Its characteristics of low pour point and high viscosity index allow all seasons performance, along with corrosion resistance and high shear stability. It has excellent performance with hydraulic components from all major manufacturers.



# Steel



Rust Preventives



Chain Oils



Wire Oils





# Rust Preventives

## DYKOLUBE RP 111 W

### Description

**DYKOLUBE RP 111 W** is a high-performance rust-preventive oil engineered with a special non-staining additive package. It gives a great protection effect in harsh conditions.

It is water soluble and forms a polar protection layer on the metal surface which is a non-tacky oily film after dryness; can be removed easily and allows normal painting.





## DYKOLUBE RP 222

### Description

Solvent based oil for short term rust protection, up to three weeks. It evaporates within approximately 30 minutes and leaves a protective film with dry and waxy texture.

It has high polarity providing excellent metal adhesion and dewatering effects providing excellent penetrating properties on the metal surface.

## DYKOLUBE RP 333

### Description

Solvent based oil for medium term rust protection, up to six months. It evaporates within approximately 2 or 3 hours and leaves a protective film with dry and waxy texture.

It has high polarity and dewatering effects providing excellent penetrating properties on the metal surface.

# DYKOLUBE RP 666

## Description

**DYKOLUBE RP 666** is a medium viscosity, **medium term** rust preventive oil, containing a special non-staining additive package.

It is recommended to protect **cold-rolled sheet and coiled steel** prior to processing and during storage from six to nine months.

It can be diluted in solvents for general purpose rust protection. It possesses strong polar and wetting properties; displaces water from the metal surface and forms a protective non-tacky oily film, which can be removed easily by alkaline cleaners.





# DYKOLUBE RP 777

## Description

**DYKOLUBE RP 777** is a high-performance, medium viscosity, long term rust preventive oil. It is engineered from highly refined base oils and a special non-staining additive package, to protect rolled sheets from rust and corrosion during storage and transport.

It possesses strong polar and wetting properties; displaces water from the metal surface and forms a protective non-tacky oily film, which can be removed easily by alkaline cleaners. It withstands the harshest conditions prior to processing and during storage up to twelve months.

**DYKOLUBE RP 777** acquired OEM approval by Ravarini Castoldi & C. Srl Italy, for electrostatic applications.

# DYKOLUBE RP 888

## Description

**DYKOLUBE RP 888** is high-performance medium viscosity long term rust preventive oil. It has a special non-staining additive package recommended to protect work pieces from rust after wet machining prior to packing. It can withstand the harshest transport and storage conditions, for more than 12 months.

It possesses strong polar and wetting properties; displaces water from the metal surface and forms a protective non-tacky oily film, which can be removed easily by alkaline cleaners.

It can be applied by spray or immersion on to metallic parts, prior to inspection and packaging of produced pieces.





## DYKOLUBE 1200 RP

### Description

**DYKOLUBE 1200 RP** is a high performance corrosion and rust preventive enhanced cutting lubricant having special lubricity additive in high refined base oil.

**DYKOLUBE 1200 RP** acquired its super performance from the Special additive package Extreme Pressure Additive, rust and corrosion inhibitors, and good microbial resistance. This semi-synthetic fluid allows the most extreme operation conditions with diversified application fields

**DYKOLUBE 1200 RP** is recommended when corrosion and rust is not avoidable when using normal cutting fluids. It will help producing a super finish for the product with a fine and longer tool life in all cutting operations.



# DYKOLUBE RP 777 LL

## Description

**DYKOLUBE 1200 RP** is a high performance corrosion and rust preventive enhanced cutting lubricant having special lubricity additive in high refined base oil.

**DYKOLUBE 1200 RP** acquired its super performance from the Special additive package Extreme Pressure Additive, rust and corrosion inhibitors, and good microbial resistance. This semi-synthetic fluid allows the most extreme operation conditions with diversified application fields

**DYKOLUBE 1200 RP** is recommended when corrosion and rust is not avoidable when using normal cutting fluids. It will help producing a super finish for the product with a fine and longer tool life in all cutting operations.



# CHAINLUBE SERIES

## Description

**CHANILUBE** is especially formulated for the lubrication of industrial chains. It penetrates into the links pins and bushings of the chain, protecting it from rust and providing high lubrication capacity. It is available for different requirements:

### **CHANILUBE 666:**

- Solvent based rust preventive.
- When evaporates leaves a dry to the touch protective layer.

### **CHANILUBE 667:**

- Oil based.
- Medium viscosity rust preventive oil.

### **CHANILUBE 668:**

- Oil based.
- High viscosity rust preventive tacky oil.
- Resists water washout and extreme conditions.



# CHAINLUBE SERIES HT

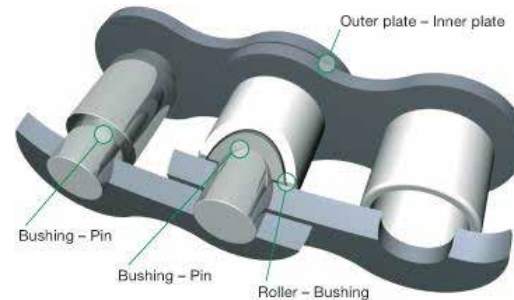
## SYNTHETIC PAO HI-TEMPERATURE CHAIN OIL

### Description

**CHAINLUBE SERIES HT** is synthetic hydrocarbon polyalphaolefin (PAO) lubricant for indoor and outdoor machine elements subjected to high pressure or corrosive influences.

**CHAINLUBE SERIES HT** is especially formulated for the lubrication of industrial chains. It penetrates into the links pins and bushings of the chain, protecting it from rust and providing high lubrication capacity.

**CHAINLUBE SERIES HT** chain oil provides excellent anti-wear characteristics and power savings through friction reduction. It is an ash less product with no carbon, varnish or gummy residues.





# WIRELUBE SERIES

## Description

WIRELUBE penetrates to the core, lubricates and protects wire strands from rust; it is available for different requirements:

### WIRELUBE 666:

- For static applications.
- Low viscosity, 7 cSt at 40°C, dry to the touch.

### WIRELUBE 667:

- For dynamic applications.
- Medium viscosity, 70 cSt at 40°C, wet texture.

### WIRELUBE 668:

- For extreme dynamic applications.
- High viscosity, 800 cSt at 40°C.
- Resists water washouts and chemicals contamination.

A close-up photograph of industrial machinery, featuring a large, polished metal component in the foreground and a blue-painted metal part below it. The background is blurred, showing other parts of the machine and some light sources. A bright yellow horizontal band is superimposed across the middle of the image, containing the text "Industrial Equipment Lubricants" in a bold, black, sans-serif font.

# **Industrial Equipment Lubricants**



# Circulating Oils

## DYKOLUBE ADVANCE CL SERIES

### Description

**DYKOLUBE ADVANCE** is a high-quality mineral oil containing anti-oxidant, anti-wear, anti-rust and anti-foam additives, for the lubrication of bearings and mechanical drives operating at low and medium loads. The product is available in the following ISO viscosity grades:

DYKOLUBE ADVANCED ISO GRADE	32	46	68	100	150	220	320	680
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It can be used in applications with splash, bath, ring oil arrangements or any other application methods involving pumps and valves. It is particularly resistant to the effects of prolonged high-temperature exposure.

# Compressor Oils

## CENTOLUBE 32 - 46 - 68

### Description

High quality series of oils containing a special additive package for the lubrication of centrifugal compressors. The series provide excellent low ash and carbon formation, outstanding rust protection, thermal stability, high load-carrying ability and excellent water separability.

## DYKOLUBE RC 100 and RC 150

### Description

**DYKOLUBE RC** is a hydro-treated mineral oil with advanced refining techniques, for the effective lubrication of reciprocating compressors. Suitable for all domestic, commercial and industrial applications, operating with high air discharge temperature and high, moderate, or low evaporation temperatures.





# CENTOLUBE SHC SERIES

## Description

**CENTOLUBE SHC SERIES** they are formulated from wax-free, synthesized hydrocarbon polyalphaolefin (PAO) fluids and a high technology additive system that ensures exceptional resistance to thermal and oxidation degradation. CENTOLUBE SHC SERIES provides excellent wear protection and reduce maintenance costs and improve machine operating efficiencies. Their high viscosity of CENTOLUBE SHC SERIES ensures effective lubrication at high temperatures.

**CENTOLUBE SHC SERIES** reduces the potential for fires and explosions when compared to mineral oil based products. Their exceptional water separating characteristics reduce problems with emulsion formation coalescers and filters reducing the need for frequent maintenance.

**CENTOLUBE SHC SERIES** consistently reduce friction. Field studies show a %5 to %15 SAVINGS in power consumptions.

# Gear oils

## GEARLUBE SERIES

### Description

**GEARLUBE** is formulated from highly refined paraffinic base oils, fortified with special additives for the lubrication of heavy-duty industrial gears. It has outstanding load carrying properties, high oxidation stability and superior anti-wear extreme pressure performance; as in Timken Test ASTM D2782.

**GEARLUBE ISO 220** has Timken Ok load at 70 lbs, while the industrial standard ISO 220 requirement is 60 lbs. The series also meets and exceeds the following industrial standards and OEM specifications.

- ISO 12925-1 Type CKD, except ISO 680-1000
- DIN 51517- Part 3 (CLP), except ISO 680- 1000
- AGMA 9005- EO2 (EP)
- US Steel 224
- David Brown S1.53.101
- Cincinnati Machine Gear
- GM LS-2





# GEARLUBE SHC SERIES

## Description

**GEARLUBE SHC SERIES** High performance synthetic industrial gear oils formulated from synthesized hydrocarbon polyalphaolefin (PAO) fluids and a high technology additive system that ensures exceptional resistance to thermal and oxidation degradation. The high viscosity index and low traction coefficient of this oil combine to help provide significant reduction in power consumption in many gear drives.

**GEARLUBE SHC SERIES** is formulated to have excellent load carrying capacity and micro-pitting performance providing long component even under shock loading conditions.

**GEARLUBE SHC SERIES** has excellent corrosion protection even in the presence of contamination by water and solids.

**GEARLUBE SHC SERIES** are compatible with mineral oils and esters, and are not compatible with polyglycols.



# Open Gear Lubricant

## DYKOLUBE OGL SERIES

### Description

**DYKOLUBE OGL** is an innovative fluid formulated for heavy industrial applications. It is designed mainly for the open gears. It contains a proprietary polymer that will not fling off or extrude like other oils and greases meaning that tooth contact areas of gears will be continuously lubricated with its flexible film.

Thanks to its especial additives **DYKOLUBE OGL** forms a discrete wear shield which stays in place even under the most extreme pressures.

It can be used in any application requiring polymeric retractable films. It is especially effective for surface lubricant applications where staining or soiling of equipment or process material is a concern. Noise caused by metal to metal contact is reduced with every revolution of **DYKOLUBE OGL**.





# Hydraulic Oils

## ISLUB® HLP SERIES

### Description

**ISLUB® HLP** is a high quality, ashless, hydraulic and power transmission oil. It has special anti-oxidant, anti-wear, anti-rust and anti-foam additives and is suitable for multi-metal applications "Non-Zinc type AW".

## ISLUB® HYDRAULIC ADVANCE HVLP

### Description

**ISLUB® HVLP** is a superior quality hydraulic oil and power transmission oil. Suitable for circulating and bath systems where specific additives are needed.

It contains a set of special anti-oxidant, anti-foaming, anti-rust and anti-wear additives, which enhance performance and offers reduced energy consumption, helping the control of overheating due to the oil's elevated VI (higher than 150).

# Vacuum Pump Oil

## DYKOLUBE VPO SERIES

### Description

**DYKOLUBE VPO** is highly refined petroleum oil specially developed to meet today's technical requirement and environmental commitments.

**DYKOLUBE VPO** oil's molecular composition offers the following Great features:

- The Polycyclic aromatic content do not exceed the Health safety limits. (DMSO <3%)
- The carefully selected molecular structure provides good lubrication properties.

Above features made **DYKOLUBE VPO OIL** is the best economic choice for most process applications requiring Paraffin Base oils.

It is used in multifunction application in systems which require high performance lubricants as in vacuum pumps, Turbine and RC compressors, etc.





# Synthetic Vacuum Pump Oil

## DYKOLUBE VPO SHC SERIES

### Description

**DYKOLUBE VPO SHC SERIES** are formulated from wax-free, synthesized hydrocarbon polyalphaolefin (PAO) fluids and a high technology additive system that makes sure exceptional resistance to thermal and oxidation degradation.

**DYKOLUBE VPO SHC SERIES** provides long vacuum pump life through reduced component wear, corrosion protection, water resistance and lubricant breakdown resistance. It has high viscosity index, low pour point, low volatility and prolonged thermal stability allow for use in a wide operating temperature range. This oil minimizes carbon buildup, provides clean performance and exhibits low frictional characteristics. Its superior formulation has demonstrated increase efficiency, reduced energy consumption and lower operating temperatures.

**DYKOLUBE VPO SHC SERIES** are compatible with mineral oils and esters, and are not compatible with polyglycols.



## **Glass Industry Lubricants**





# Glass cutting Oils

## DYKOLUBE GL

### Description

**DYKOLUBE GL** is a washable fluid for glass cutting. It is recommended for cutting of high thickness flat glass sheets, automotive glass and cutting float glass online. It helps smooth cutting operations, reduces cutting time, gives cutting tools longer service life, and provides a good surface finish of glass edges.

## DYKOLUBE GL 5

### Description

**DYKOLUBE GL 5** is a premium quality glass cutting fluid recommended in cutting flat glass sheets, automotive glass and cutting glass online. It promotes smooth cutting operations, reduces cutting time, gives the cutting tool longer service life and provides an excellent surface finish of the glass edge. It is formulated from low viscosity oils for use in automatic lubricators.



# Glass Mold Releasing Oil

## DYKOLUBE GLX

### Description

**DYKOLUBE GLX** is a premium base fluid used as a coolant in glass forming molds. This high performance fluid specially treated to withstand high temperature applications. It shows good heat transfer rates and thermal stability properties. Contains special additives for uniform flow and non-stick mold release.

- Superior oxidation control and protection against thermal cracking
- Resistance to sludge formation.
- High thermal conductivity
- Excellent low-temperature fluidity
- Non-corrosive to aluminum, steel, copper, brass and bronze
- Low carbon residue
- Low odor





# DYKOLUBE GLH

## Description

**DYKOLUBE GLH** is a premium, highly refined paraffinic base fluid used as a coolant in glass forming molds. This high performance fluid features a high flash point and low, medium and high viscosity grades. DYKOLUBE GLH has a good heat transfer and thermally stable properties.



# Glass Shear Coolants

## DYKOLUBE 1100 G

### Description

**DYKOLUBE 1100 G** is a glass shear spray lubricant to keep shear blades moving smoothly.

- It provides cooling and reduces shear marks.
- Free of harmful additives for operators.
- Very stable at dilutions, agitation is not needed after preparation.
- Biodegradable





# **Textile industry Lubricants**



# Textile Machinery Oils

## TEXTUBE

### Description

**TEXTUBE** is a clear and transparent washable oil for lubrication of textile machinery. It surpasses all other available lubricants in the market in the following characteristics:

- Passes ultraviolet stain test.
- Provides excellent anti-wear properties for extended needle life.
- Prevents gumming in machines and darkening in fabrics.
- Highly effective anti-corrosion to overcome machine rusting problems.
- High oxidation resistance.
- Good scourability, even after extended periods in fabric.
- **TEXTUBE** oils are available in most ISO viscosity grades: 22, 32, 150 and 220.





## Rubber and paint industry lubricants



# Rubber & Paint Process Oils

## DYKOLUBE PAR SERIES

### Description

**DYKOLUBE PAR** is a highly refined Paraffinic oil specially developed to meet the new technical and environmental requirements of the most advanced process industries, such as rubber, ink, and plastic industries. It has good compatibility with different process components, which makes **DYKOLUBE PAR** series the best economic choice. It is available in low, medium and high viscosity grades.

## DYKOLUBE NAP SERIES

### Description

**DYKOLUBE NAP** is a highly refined Naphthenic oil, specially developed to meet the highest technical and environmental demands of the process industries, with excellent compatibility for different components.





# DYKOLUBE MES 80 - 100 - 230

## Description

**DYKOLUBE MES** series is a perfect combination of mild extracts solvate hydrocarbons for tyre, rubber and paint industries. The product is composed of highly refined petroleum oils, specially developed to meet today's technical requirement and environmental commitments.

Above other features **DYKOLUBE MES** series are the best economic choice for most process applications:

- The polycyclic aromatic content does not exceed health safety limits (DMSO <3%)
- Provides good solubility and compatibility with rubber components for better process performance.
- The hydrocarbon distribution allows good solubility and compatibility consequently saving in plasticizers.

A close-up photograph of industrial machinery, likely a turbine or compressor, with a yellow banner overlaid in the center. The machinery features dark, curved blades and a metallic hub with a circular pattern of small holes. The lighting is dramatic, highlighting the textures and curves of the components.

# Process Oils



# Heat Transfer Oils

## DYKOTHERM® HTO 300

### Description

**DYKOTHERM® HTO 300** is a premium, highly refined petroleum fluid. This high performance fluid features a high flash point and low viscosity ISO 22 for heat transfer and thermally stable performance.

Typical applications include direct and indirect fired asphalt heaters, building heaters, plastic and wax-coating equipment, household oil filled appliances and other hot-oil systems.

It is recommended for use in closed liquid phase heat-transfer systems, where the maximum temperatures of bulk oil and skin film do not exceed 315°C. Moreover, in open heat-transfer systems, equipped with cold oil-sealed expansion tanks, can stand maximum temperatures bulk oil up to 200°C. It is not recommended for use in vapor-phase heat-transfer systems.







# DYKOTHERM® HTO 605

## Description

**DYKOTHERM® HTO 605** is a premium highly refined petroleum fluid, featuring a high flash point, low viscosity ISO 32, excellent heat transfer and thermal stability properties.

Recommended for use in closed liquid phase heat transfer systems, especially those which are equipped with expansion tanks and pressure relief valves, where the greatest bulk oil and skin film temperatures do not exceed 315°C.





# Refrigeration Equipment Lubricants

## DYCOOL SERIES

### Description

**DYCOOL** is a hydro treated naphthenic mineral oil especially suited for the efficient lubrication of all kind of refrigeration and air-conditioning equipment. The series is suitable for all kind of domestic, commercial and industrial systems with high, moderate or low evaporation temperatures.

The product is designed for the proper lubrication of compressors, using halogenated hydrocarbons as the refrigerant (R12 - R22), and It is also suitable for use with hydrocarbon refrigerants (e.g. R600a).

It is available for cold temperatures applications down to  $-70^{\circ}\text{C}$ . it shows a very good chemical stability in contact with ammonia refrigerant.



# DYCOOL SHC SERIES

## Description

**DYCOOL SHC SERIES** they are formulated from wax-free, synthesized hydrocarbon polyalphaolefin (PAO) fluids and a high technology additive system that ensures exceptional resistance to thermal and oxidation degradation.

**DYCOOL SHC SERIES** provide excellent varnish and deposits control, very low pour point, high viscosity index, excellent wear protection and rust protection.





# Radiators Coolants

## AUTOCOOL

### Description

Premix premium coolant meeting the requirements of ASTM D-3306, D4656, SAE 1034 JIS K-2234. It is recommended for all kind of foreign/domestic vehicles and light duty trucks with diesel and gasoline engines, with Aluminum or mixed Aluminum/steel structure.

Its formula has high-quality corrosion inhibitors that provides extended protection against rust, corrosion and pitting caused by cavitation. It also provides excellent protection against extreme temperatures, preventing freeze-up and boil.

**AUTOCOOL** does not impart any color change if mixed with another engine coolant and is available in 30% and 50% concentrations.



# AUTOCOOL HQ

## Description

Silicate-free car coolant, according to the British Standard 6580 and its compliant, the ASTM D 3306 (Light Duty & Automotive).

**AUTOCOOL HQ** contains a highly effective combination of Inhibitors to light duty engines. It is free of nitrite, amine, phosphate, and silicate. It offers excellent corrosion and cavitation protection to all metals in the coolant circuit e. g. Aluminum, steel, cast iron and non-ferrous heavy metals. It has neither a flash point nor combustion point and provides protection against freezing down to  $-38^{\circ}\text{C}$ .

**AUTOCOOL HQ** is a ready to use premix coolant and water should not be added. It is available in 30% and 50% concentration.





# AUTOCOOL SUPER

## Description

Ready to use premix LLC radiator coolant (has silicate). It meets the requirements of Daimler Chrysler DBL 7700.00, 7700.10, 7700.20 and MTU MTL 5048.

The product is based on mono ethylene glycol which contains a highly effective combination of inhibitors. It applies as antifreeze, which is free of amine, based on silicate in light duty and heavy-duty engines. The product offers excellent corrosion and cavitation protection to all metals in the coolant circuit, e. g. Aluminum, steel, cast iron and non-ferrous heavy metals.

**AUTOCOOL SUPER** is a ready to use premix coolant and water should not be added. It is available in 30% and 50% concentration.



# AUTOCOOL VP

## Description

Ready to use premium LLC radiator coolant Silicate-free, according to Volkswagen VW-TL 774, version D and ASTM D 3306 (Light Duty & Automotive).

**AUTOCOOL VP** is a water-soluble liquid, based on mono ethylene glycol which contains a highly effective combination of Inhibitors. It applies as a nitrite, amine, phosphate, borate and silicate free antifreeze in light duty and heavy-duty engines. The Inhibitors of the product are based on organic acids, called Organic Acid Technology (OAT).

The product offers excellent corrosion and cavitation protection to all metals in the coolant circuit e. g. Aluminum, steel, cast iron and non-ferrous heavy metals. It is available in 30% and 50% concentration.





# Degreaser

## DYKOLUBE 9165

### Description

**DYKOLUBE 9165** is a metal cleaning concentrate designed to provide maximum corrosion and rust protection on machined metal parts. The product is free of aromatics and complex agents for health protection.

The oil shows excellent dirt removing capacity and outstanding corrosion protection properties. It is recommended for metal washing machines for all ferrous metals including carbon-cast steel and grey iron.

**DYKOLUBE 9165** has a pH of 9.8, which, when diluted in de-mineralized water at 1% and 5% dissolves very fast and reaches pH values between 9.7 & 10.0. The filter paper chip corrosion test (DIN 51360-2), shows no corrosion at 1% and 5% at ambient temperature up to 60°C.



# Rust Remover

## RUST RID A

### Description

**RUST RID A** is a unique formulated water based rust and tarnish remover for all kind of metals. It is ideally suited for manual removing of surface rust on cast iron alloys, tool steels and all carbon steels.

Its mildly acidic formulation has a unique blend of surfactants for the effective loosening and removal of surface corrosion from ferrous substrates. It is especially effective at removing surface rust from machine surfaces (tables and tooling) due to improperly maintained or contaminated metalworking fluids.

Although heat accelerates the corrosion removing capabilities of **ISLUB RUST RID A**, it can be extremely effective at ambient temperatures, given enough concentration, processing time and use directions are closely followed.





# System Cleaner

## RUST RID B

### Description

**RUST RID B** It is a concentrated liquid alkaline cleaner, used primarily in industrial applications for in-process cleaning of ferrous metals. It is also highly effective for rust removal, paint stripping and zinc phosphate removal. Residual films of the product can offer corrosion protection for parts in storage and during shipping.

It is ideally suited for facilities requiring a high degree of cleanliness on their ferrous and aluminum materials. It has an extremely low foaming characteristics, exceptional hard water stability, high detergent surfactants package and has no phosphates, nitrates or silicone.



## OIL VISCOSITY EQUIVALENTS

Viscosity cSt 40°C	ISO 3348 Industrial oils	AGMA 9005-D94 Gear oils	SAE J300 Engine Oils	SAE J306 Gear oils
1500	1500			250
1000	1000	8A		
680	680	8		140
460	460	7		
320	320	6	60	90
220	220	5	50	
150	150	4	40	85W
100	100	3	30	80W
68	68	2	20	75W
46	46	1		
32	32	0	15W	
22	22		10W	
15	15		5W, 10W	



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