



lubricants

Welcome to Lubrita.com
International Lubrita Distributors network



Industrial Oils

Designed For High Efficiency



Lubrita Company born in Europe and working Worldwide!



Hydraulic Oils

Hydraulic oils, hydraulic lubricants and fluids consist of large group of mineral oil, water or water-based fluids used as the medium in hydraulic parts of machine equipment. These hydraulic fluids have a wide range of applications in hydraulic machinery, for moving loading shovels and other earth moving equipment, operating directional systems, power steering, braking and transmission systems for dumper trucks, excavator back hoes and industrial shredders and they have to operate under thousands of tons of pressure while ensuring high performance.

Biodegradable Hydraulic Oils

Hydraulic fluid based on biodegradable synthetic esters, oil is especially developed for situations where pollution of the environment is expected. Environment-Compatibility.

DIN 51524, HVLP, FZG > 12, Biological degradability CEC-L33-T82>90% (3 weeks), Ecolabel, Elastomer Compatibility: Tested Nitrile Butadiene NBR1-pass, Tested Fluor Carbon FMK2-pass, (-40C)

Industrial Gear Oils

Industrial gear oils have been developed for high-performance gear systems in industrial machinery and equipments. Using different base oils, gear oils are produced for a variety of industrial applications, starting with general mineral gear oils, such as CLP ISO VG 68, to ISO VG 680 or even ISO VG 1000 for stressed conditions or specially designed gears for machining equipment, and gear oil from PAO (phenolphthaleins), synthetic esters, PAG (very hygroscopic) or other base fluids. Today's gearboxes are typically smaller and are made from newer, lighter materials than before. However, these smaller, lighter pieces of equipment are pushed to produce more power and, at the same time, have to be more durable and more reliable than those produced before. Lubrita gear Oils category Products are formulated to meet and exceed latest Standards.

Lubrita offer industrial gear oils of CLP series starts from ISO VG 68, ISO VG 100, ISO VG 150, ISO VG 220, ISO VG 320, ISO VG 460, ISO VG 680, ISO VG 1000 are formulated with high-quality refined base stocks in combination with a unique EP (Extreme Pressure) additives technology to meet the specifications of AGMA (American Gear Manufacturers Association), David Brown (David Brown offers an extensive range of gears and transmissions for all stages of oil, gas and petrochemical processes), AISE (Association for Iron and Steel Engineers), FAG Industrial Gears (part of Schrieffer Group), Cincinnati Gearing Systems and others. The AGMA has been involved in setting national gearing standards since 1916 and serves as the focal point within the United States for the development of ISO gearing standards. Lubrita CLP industrial products are premium-quality, extreme-pressure gear oils that reduce friction and wear, protect gears against rust and corrosion, dissipate heat, help prevent scoring and welding and, at the same time, keep the gear system clean.

Compressor Oils

Compressors play an important role and have multiple uses that can be found in every industrial plant where compressed air or compressed gas tools are used, for cooling, heating and other many applications in a wide range of utilities. Compressor oils are therefore products, the choice of which is complex and requires extensive technical knowledge. The correct viscosity grade compressor oils are recommended for use in rotary screw, rotary vane, reciprocating and other compressor applications. Lubrita IND Compressor Oil VDL series lubricants, meeting German Standard DIN 51506 Group VDL, are formulated with high solvent mineral base stocks in combination with a special additive technology to achieve high oxidation resistance, good protection against rust, anti-foaming and wear and low carbon deposit formation in compressor parts.

Refrigerator Oils

Classification of refrigeration oils according to DIN 51503 is alphabetic, in line with the refrigerants used in groups as:

KAA -Refrigeration oils not miscible with ammonia mineral oils and/or synthetic oils - based on polyalphaolefins.

(PAO) or alkyl benzene (AB) or hydrogenated mineral oils. In most cases, highly-refined, naphthenic refrigeration oils are used for KAA products. Hydrogenated mineral oils and PAO get more and more important.

KAB -Refrigeration oils miscible with ammonia – generally polyalkylene glycol (PAG). The water content of fresh PAG lubricants used in ammonia applications should not exceed 350 ppm.

KB -Refrigeration oils for carbon dioxide (CO₂) – synthetic polyol esters (POE), polyalkylene glycol (PAG) or polyalphaolefin (PAO). POE oils generally offer good CO₂ miscibility. PAG oils and CO₂ only allow limited miscibility (larger miscibility gap with CO₂). Synthetic, polyalphaolefin-based refrigeration oils are described as not miscible with CO₂.

KC -Refrigeration oils for partly and fully-halogenated fluorinated and chlorinated hydrocarbons (CFC, HCFC) – as a rule, mineral oils and alkyl benzene (in some cases ester oils also possible). Mostly, highly-refined, naphthenic mineral oils and specially-treated alkyl benzene (alkylates) are used. The water content of fresh KC oils should be < 30 ppm. If the water content is higher, there is a danger of undesirable reactions with the refrigerant which can lead to the decomposition of the oil-refrigerant mixture.

KD -Refrigeration oils for partly and fully-fluorinated hydrocarbons (HFC, FC) – as a rule, polyol esters (POE) or polyalkylene glycol (PAG). The refrigeration oils described in group KD are polar products with pronounced hygroscopic characteristics. For fresh polyol esters (POE), the water content should not exceed 100 ppm. Polyalkylene glycol (PAG) are often used in aircon systems. Their maximum fresh-oil water content should not exceed 350 ppm.

KE -Refrigeration oils for hydrocarbons (e.g. propane, isobutane) – as a rule, mineral oils or synthetic oils based on alkyl benzene, PAO, POE or PAG. According to the oil group, the maximum permissible fresh-oil water content should not exceed 30 ppm for mineral oils and alkyl benzene, 50 ppm for PAO, 100 ppm for POE and 350 ppm for PAG.

Turbine Oils

Lubrita Turbine Oils ISO VG 32/46/68/100 Specifications: BS 489; DIN 51515 (L-TD); ISO 6743/0 T; This turbine oil has been specially formulated to satisfy the demanding requirements of modern high output steam turbines, including gear units. This oil is also recommended for industrial-type gas turbines. In addition to turbine applications, this oil may also be used to lubricate hydraulic systems, compressors, high-speed gears, certain oil-lubricated bearings and other applications requiring high quality rust and oxidation inhibited oils which separate readily from water.



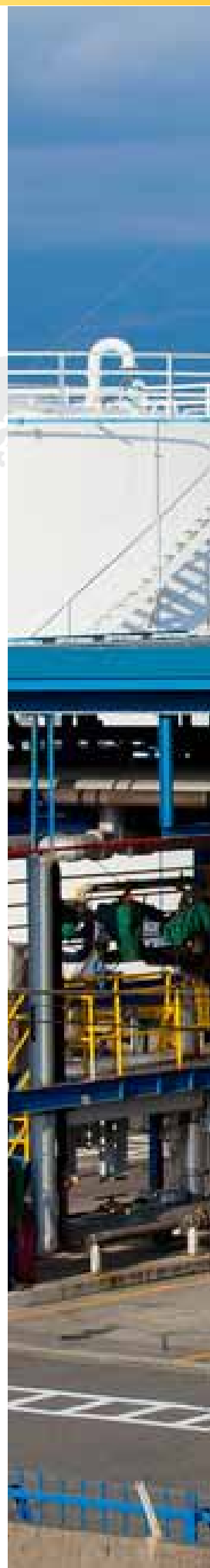
Slideway Oils

This oil is a machine tool lubricant specially designed for tableway lubrication, with emphasis on superior stick-slip properties, suitable also for hydraulic systems, gear boxes and spindles in most machine tools.

Slideway lubricating oils are used to lubricate machine tool slideways. Slideway oil should form an effective lubricating film almost instantaneously. Slideway oils for hydrodynamic slideways and linear guides should display low static and dynamic friction coefficients, good compatibility with neat cutting oils, good compatibility with cutting fluids (chemical compatibility with water-based cutting fluids), good demulsibility with emulsions, no slideway gumming, avoidance of stick-slip, excellent corrosion protection, compatibility with central lubrication equipment, good slideway adhesion, excellent wear-protection properties (EP extreme pressure and AW Anti-Wear performance), good compatibility with hydraulic oils and good compatibility with slideway materials, achieving optimum accuracy. The slideway lubricant oil film must eliminate stick-slip and combat wear. The most important characteristics of slideways are low friction, no stick-slip at low feed speeds and high pressures, good damping properties, low wear and good protection against seizures and scuffing. The Lubrita Slideway series oils meet the following performance specifications: DIN 51524, DIN 51517, FZG12 and US Steel 224. It is recommended to lubricate horizontal slideways with Lubrita slideway oil ISO VG 68. For vertical slideways, lubricate recommendation to use ISO VG 220 oil. Advanced Lubrita slideway lubricants protect modern equipment and ensure operation at higher efficiency.

Vacuum Pump Oils

Vacuum Pump capacity is vital to quality milk production. Original Lubrita vacuum pump oil cost-effectively helps protect equipment and pump life, the milking system and resulting production efficiency.



Pneumatic Tool Oils

Lubrita Pneumo Lubricants especially developed to lubricate pneumatic tools and based on solvent refined base oils. This oil can be used in an air-piping or micro-fog lubricator of hammers, pile driver drills, grinders, pumps, hoists, clamps and vices.

Lubrita Pneumo Oils meets requirements for modern pneumatic tools operating under heavy pressure conditions. They contain additives, which form a hard protective oil layer on metal surfaces resisting the pressure of compressed air. Oil additives package also protect against corrosion and improve tools lubrication properties.

Chainsaw Oils

Lubrita Chain Saw Oils are based upon high quality low aromatic solvent-refined base oils under addition of special additives to obtain the following properties: very high grade of tackiness, preventing the oil from fling of the chain, excellent lubricity.

This chain-saw oils has been specially formulated to lubricate the chain of chain-saws preventing this oil from overheating and loss of strength. The high grade of tackiness prevents the oil to fling from the chain.



Mould and Form Oils

Lubrita's series of form oils are high-quality moulding oils used as form release agents and rust-preventive coatings. They are recommended for steel and coated moulds, can be applied by spraying, swabbing or brushing and can also be used for the manufacture of concrete in heated moulds. Lubrita Form Oils are based on high-quality mineral virgin base oil in combination with special additives to ensure good release characteristics, no discolouring of the concrete surface, good protection against deposits, high protection against rust in steel moulds under normal conditions, preventing against put-forming in the concrete surface. Improved mould oils performance and higher efficiency at work.

Spindle Oil

Spindle oils are a type of low-viscosity oils marketed for use in lubrication of high speed machine spindles. This is a pure naftenic mineral oil with a natural oxidation stability. This oil has a average viscosity index and contains no additives and has also a low percentage of aromatic hydrocarbons. Mainly spindle oils are used in Textile Processing and Textiles industry. Varieties of spindles include grinding spindles, electric spindles, machine tool spindles, low-speed spindles, high speed spindles, and more.

White Oils

Lubrita Pure White mineral Oils meets the highest standards of reliability and safety. Based on specially selected saturated paraffinic an cyclo-paraffinic hydrocarbons. Due to a special method of refining is this oil acid-free, colourless and odourless.

These types of Lubrita white oil have a wide range of applications in the industry.

Moreover this product can be used:

- precision machines, which are not heavy loaded
- agriculture industry
- some polymers as a softener
- the textile and artificial silk industry
- household applications

Range of our White and Mineral Oils are trusted by many manufacturers. Used in different industries our whiteoils are offered in a number of grades and viscosities conforming the latest standards and norms.

Industrial Gas engines oils

Lubrita Gas Engine Oils are designed to provide all the benefits of their diesel engine oil counterparts such as engine reliability and long life but with the added advantages of lower maintenance and less pollution. Owners of commercial and industrial facilities

are finding that clean burning, natural gas direct-drive systems are a cost-effective, environmentally friendly and sound alternative to electric motors and diesel engines. Gas engines have lower operating costs than electric motors of the same output and are ideal for a wide variety of industrial and commercial applications. Lubrita Natural Gas Engine Oils series provides benefits such as reduced piston deposits, resistance to oxidation and nitration, and increased wear protection, excellent filterability.

Metal working oils / MWO

Lubrita Cutting Fluid MU -mineral cutting oil. This cutting oil is a water extendable mineral oil containing cutting fluid, which is usable for universal applications in metalworking.

Lubrita Cutting Fluid HSU - High quality emulsifying, semi-synthetic cutting fluid. This high quality emulsifying, semi-synthetic cutting fluid can be used for several universal applications in metalworking. This cutting oil can be used for machining or grinding of ferro- and non-ferro metals, especially aluminium and has a wide application area. This product provides excellent tool operating times. This cooling fluid is also applicable in combination with relative hard water.

Lubrita Cutting Oil MP -this neat multipurpose cutting oil can be used undeluted for cutting and boring of alloyed steels with a high tensile strength, but also for non-ferro and light metals. This oil has characteristics as hydraulic oil and industrial gear oil. A cutting oil based on hydro treated mineral base oils.

Lubrita Cutting Oil MFE- this neat cutting oil can be used undeluted for general machining of low carbon and light alloyed steels. This oil can also be used for grinding and cutting of wheels. N.B.: There is a risk of staining of non-ferro metals.

Lubrita Cutting Oil HFE- this heavy duty neat cutting oil has to be used undeluted for machining of high alloyed, stainless, austenitic, acid and heat resistant steels. This oil shows excellent results by working with difficult operations like deephole drilling, tapping, shaping or shaving of gears. N.B.: There is a risk of staining of non-ferro metals.

Lubrita Cooling Fluid B 236 - Full synthetic, emulsifying metalworking fluid. This biodegradable metalworking fluid is suitable for application in ferro and non-ferro metals, specially aluminium. Therefore this product has a wide application range.

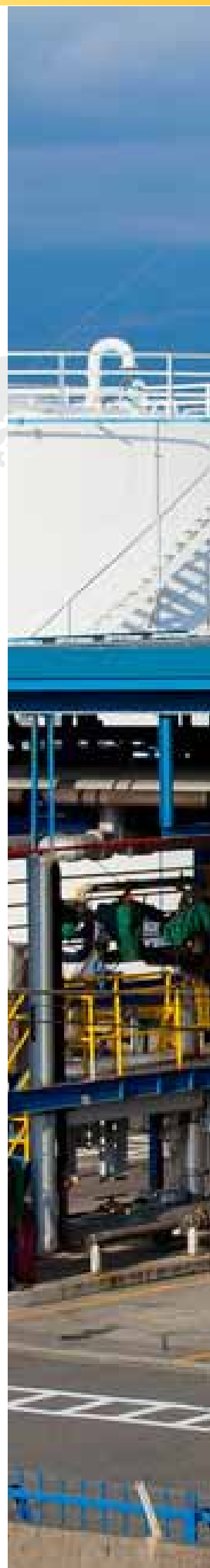
Lubrita Honing Oil HN - This honing oil is undeluted used for the honing, lapping and grinding of aluminium, cast-iron and hardened steels. This oil is also used for machining high cutting speeds or and deep boring of non-ferro metals and glass and for the grinding of tools with diamond wheels.

Heat Transfer Thermo Oils

You may have noticed a lot of terminology for heat transfer fluids such as heat transfer oil, thermal fluid, hot oil or even thermal oil. While all of these are technically heat transfer fluids, not all heat transfer fluids are considered to be heat transfer oils and not all thermal fluids are considered heat transfer oils. Lubrita Therm Oil 300 is a premium quality heat transfer oil (heat transfer fluid) designed for use in closed indirect heating systems. It is formulated from highly refined base stocks to provide excellent oxidation stability and resistance against thermal cracking. It possesses high specific heat and thermal conductivity to provide faster heat dissipation and its ability to flow rapidly at low temperatures ensures quick circulation at start-up and reduced risk of local overheating. Although Lubrita Therm Oil 300 is thermally very stable and is capable of offering extended service life without viscosity increase or deposit formation, it should be realised that the working life depends to a considerable extent on the effectiveness of the measures taken to exclude air. Lubrita Therm Oil 300 is primarily designed for use in enclosed and sealed heating systems where the maximum bulk oil temperature does not exceed 315°C. Lubrita thermo oil benefits: excellent thermal and oxidation stability minimises deposit formation and viscosity increase, for extended service life and reduced downtime. The high specific heat and thermal conductivity of this oil ensures faster heat dissipation, superior low-temperature fluidity ensures quick circulation at start-up and reduced risk of local overheating, while the non-toxicity of this oil provides for easy disposal of used oil, which is not corrosive to aluminium, steel, copper, brass or bronze. High-quality Lubrita thermo oil ensures greater efficiency.

Various Special products

Vacuum Pump capacity is vital to quality milk production. Original Lubrita vacuum pump oil cost-effectively helps protect equipment and pump life, the milking system and resulting production efficiency.





Lubrita Quality and Sustainability

When quality and reliability are essential

Manufacturing is done in accordance certified with ISO-9001:2008, ISO-14001:2004 and OHSAS-18001:2007 which means that our policy is aimed at meeting our customers requirements as much as possible, without losing sight of aspects like **security, health and environment**. With our extensive range of high quality oils a growing number customers now trust Lubrita lubricants to provide cleaner running engines, better fuel economy, lower maintenance costs and longer equipment life.



Quality management systems | Certificate No.: LT0709Q

ISO 9001:2008 | LST EN ISO 9001:2008

Environmental management systems | Certificate No.: LT0710E

ISO 14001:2004 | LST EN ISO 14001:2005

Distributor



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