

METALWORKING

INDUSTRY

LUKOIL — READY FOR THE FUTURE

Quicker - further - cheaper. For European companies, the economic environment has changed critically over the last few years.

International competition has become fiercer and in light of sinking margins, quality is becoming ever more important as a distinguishing feature. At LUKOIL Lubricants, we have always considered the highest quality in products, selection and customer service to be one of our company's central formulae for the future.

AND OUR SUCCESS PROVES US RIGHT.

QUALITY FROM AUSTRIA

In our state-of-the-art production facilities in the Lobau, Vienna, in Finland and in Romania, we manufacture over 40,000 tonnes of lubricant every year, using first-class source materials and innovative technologies. Our engineers, chemists and industry specialists work constantly to further develop and expand our product range.

COMPREHENSIVE CUSTOMER SERVICE

Customer service is the primary objective of our day-to-day work and is provided at all times by our highly-trained customer advisers and engineers. Our employees communicate intensively with our customers, so as to better understand their individual problems and then offer quickly tailored solutions. These may include not only new products, but also solutions from various areas, such as waste processing, packaging, marketing, logistics and process optimisation.

SHORT TRANSPORT ROUTES

Having the perfect European production facilities in almost every corner of Europe means that our experienced logistics team is able to transport our products to our customers extremely quickly and efficiently, and thus provide on-time delivery.

We look forward to being able to count you among our satisfied customers very soon and would love to be able to provide you with more detailed information on the rest of our versatile product range. Please contact our staff in the sales team to arrange an appointment.

COOLING LUBRICANTS

COOLING LUBRICANTS, WATER-SOLUBLE EMULSION CONCENTRATES

Product name	Descriptions	Quality level/Approvals
LUKOIL MIXCUT GR PREMIUM Prod.-Nr.: 581030	LUKOIL MIXCUT GR PREMIUM is a water-emulsifiable cooling lubricant concentrate containing mineral oil for grinding cast iron, steel, high-alloy steels and aluminium. It is a boron-free cooling lubricant containing amine with very good corrosion properties. Store in frost-free conditions.	
LUKOIL MIXCUT GR Prod.-Nr.: 581031	LUKOIL MIXCUT GR is an emulsifiable cooling lubricant based on mineral oil. It is ideally suited for grinding at a recommended application concentration of 1-3%. For other machining, it can also be used as an additive to the operating fluid of press water hydraulic systems (3%), with a load range of 5-10%. Store in frost-free conditions.	DIN 51 502-HFA
LUKOIL MIXCUT AL Prod.-Nr.: 581018	LUKOIL MIXCUT AL is a very high-performance, universal-use, emulsifiable cooling lubricant based on mineral oils and esters, used to improve performance. Excellently suited for machining aluminium materials and aluminium alloys with a high silicon content. The product is boron-free and also suitable for machining non-ferrous metals. Application: from 4%. Store in frost-free conditions.frei!	
LUKOIL MIXCUT UN PREMIUM Prod.-Nr.: 581036	LUKOIL MIXCUT UN PREMIUM is a water-emulsifiable cooling lubricant concentrate containing mineral oil, used for general machining for example turning, milling, boring and sawing of cast iron, steel, high-alloy steels and, in particular, aluminium and its many varying alloys. It can be used universally on individually-filled machines as well as central plants and has good cooling and flushing capacity. Store in frost-free conditions.	
LUKOIL MIXCUT UN Prod.-Nr.: 581037	LUKOIL MIXCUT UN is a universal-use, emulsifiable cooling lubricant based on mineral oils and synthetic esters, used to improve performance. It is suitable for almost all machining processes and materials, in particular for highly corrosion-sensitive materials. Very good foaming and flushing capacity. Application: from 3%. Store in frost-free conditions.	
LUKOIL MIXCUT SE Prod.-Nr.: 581080	LUKOIL MIXCUT SE is a water-emulsifiable cooling lubricant - - 9.3 5.0 1.2 - also available as a concentrate on request (free of mineral oil) - for general processing of steel, high-alloy steel and aluminium alloys. Thanks to its specially tailored emulsifying system, the product is known for its high performance and excellent cooling and detergent properties, making it suitable for a variety of machining processes and materials.	

COOLING LUBRICANTS

COOLING LUBRICANTS, WATER-MISCIBLE, ADDITIVES FOR EMULSIONS

Product name	Descriptions	Quality level/Approvals
TROYSHIELD SC1 Prod.-Nr.: 581039	TROYSHIELD SC1 is an antibacterial system cleaner for tooling machines and central cooling lubricant systems that is used before refilling. Application: 1.0-3.0%. Store in frost-free conditions.	
GROTAN OK Prod.-Nr.: 581040	GROTAN OK is a preservative for technical products and is suited to preserving water-mixed cooling lubricants, cooling lubricant concentrates and other technical emulsions.	
LUKOIL MIXADD DH Prod.-Nr.: 581041	LUKOIL MIXADD DH is a water hardening agent (an aqueous solution of an organic calcium salt) and is pre-diluted with water, meaning no further dilution is needed for use.	
ACTICIDE 45 Prod.-Nr.: 581042	ACTICIDE 45 is a preservative concentrate, specially developed to protect aqueous and solvent-containing products against fungal growth in the film. It is also suitable for protecting fluids that need to be protected against fungal infestation where the use of a concentrated product is required.	
LUKOIL MIXADD AF Prod.-Nr.: 581044	LUKOIL MIXADD AF is an anti-foaming agent for aqueous systems. Its composition is a mixture of glycols and surface-active compounds.	
LUKOIL MIXADD YM Prod.-Nr.: 581045	LUKOIL MIXADD YM is a metal passivator (a solution containing a triazole derivative in glycols with approx. 24% active ingredient).	
LUKOIL MIXADD EM Prod.-Nr.: 581046	LUKOIL MIXADD EM is an anti-foaming agent for aqueous systems. Its composition is a mixture of glycols and surface-active compounds.	

METALWORKING OILS

METALWORKING OILS METALWORKING OILS FOR MACHINING, CHLORINE-FREE

Product name	Descriptions	Quality level/Approvals
LUKOIL CUT SU Prod.-Nr.: 577225	LUKOIL CUT SU is a mineral high-performance cutting oil with good flushing effect for heavy-duty machining processes. It is ideally suited to reaming, tooth flank grinding, thread grinding, slotting, gear cutting, hobbing and broaching. Ideal for machining of low, high and ultra-high-alloy steels, Cr-Ni steel, austenitic and martensitic steels, high-alloy cast-irons (Ni, Cr) and materials that are very difficult to machine (Ni-, Co-, Ti-alloys, etc.).	
LUKOIL CUT XU Prod.-Nr.: 577615	LUKOIL CUT XU is a mineral high-performance cutting oil for medium and heavy-duty machining processes. It is ideally suited to deep-hole boring, reaming, grinding with diamond discs (high stock removal), hobbing and broaching. Ideal for machining of low, high and ultra-high-alloy steels, Cr-Ni steel, austenitic and martensitic steels, high-alloy cast-irons (Ni, Cr) and materials that are very difficult to machine (Ni-, Co-, Ti-alloys, etc.).	
LUKOIL SUPERGRIND 7 Prod.-Nr.: 577147	LUKOIL SUPERGRIND 7 is a synthetic, high-performance grinding oil with low viscosity, used for high-speed and deep-grinding processes, particularly involving carbide materials. It is characterised by its excellent cooling, flushing and stock removal effects and guarantees the highest surface qualities in short machining times. The high ageing resistance allows for long service lives with stable viscosity.	
LUKOIL SUPERGRIND 18 Prod.-Nr.: 577150	LUKOIL SUPERGRIND 18 is a mineral, high-performance grinding oil for high-strength steel materials. It is characterised by its good cooling, flushing and stock removal effects and guarantees the highest surface qualities in short machining times. The high ageing resistance allows for long service lives with stable viscosity. It can also be used for medium to heavy-duty machining processes with geometrically-defined cuts (e.g. boring, turning and milling).	
LUKOIL GRIND YEL Prod.-Nr.: 577116	LUKOIL GRIND YEL is a synthetic high-performance grinding oil for high grinding speeds, particularly involving sheet steel. It is characterised by its optimum material stock removal, high flushing effect and good compatibility with abrasive papers and simple separation of grinding chips, e.g. in centrifugal cleaners. This product is subject to mineral oil tax. This product is subject to mineral oil tax.	
LUKOIL CUT YM Prod.-Nr.: 577215	LUKOIL CUT YM is a mineral-based, universal cutting oil for medium to heavy-duty machining processes, for example broaching or tooth flank machining involving alloy steels, C steels, cast iron, light and non-ferrous metals. Also suitable for use as a forming oil for deep drawing and rolling.	
LUKOIL CUT YU Prod.-Nr.: 577230	LUKOIL CUT YU is a mineral-based, universal cutting oil for light to medium-duty machining processes, for example deep-hole boring and reaming involving unalloyed and low-alloy steels, carbon steels, cast irons and light and non-ferrous metals. Also suitable for use as a forming oil for simple forming processes and as a multi-functional oil for hydraulic control processes.	

METALWORKING OILS

METALWORKING OILS METALWORKING OILS FOR MACHINING, CHLORINE-FREE

Product name	Descriptions	Quality level/Approvals
LUKOIL DRILL DL 10 Prod.-Nr.: 576310	LUKOIL DRILL DL is a mineral, deep-hole boring oil with excellent flushing effect. The selected formulation allows for quick tunnelling and provides good machining accuracy and long tool service lives.	
LUKOIL DRILL DL 18 Prod.-Nr.: 576315		
LUKOIL HONE YL Prod.-Nr.: 577420	LUKOIL HONE YL is a synthetic high-performance honing oil with low viscosity and excellent flushing effect. It is characterised by efficient material stock removal, high surface finishes and long tool service lives. This product is subject to mineral oil tax.	

METALWORKING OILS FOR FORMING PROCESSES, CHLORINE-FREE

Product name	Descriptions	Quality level/Approvals
LUKOIL DRAW YU 200 Prod.-Nr.: 576130	LUKOIL DRAW YU 200 is a mineral, high-additive forming oil for the most heavy-duty forming processes involving materials with high pressure absorption capacity. Ideally suited for precision cutting, for example.	
LUKOIL SUPERDRAW E 70 Prod.-Nr.: 576140	LUKOIL SUPERDRAW E 70 is a forming oil for the most heavy-duty forming processes involving high-strength materials. Ideally suited for chip-less thread forming processes, for example.	
LUKOIL DRAW DY Prod.-Nr.: 576210	LUKOIL DRAW DY is a mineral forming oil ideally suited to machining non-ferrous metals. It has been specially developed for drawing copper wires and evaporates without leaving residue after the annealing process.	

METALWORKING OILS, HARDENING OILS

Product name	Descriptions	Quality level/Approvals
LUKOIL ASSISTO Prod.-Nr.: 571140	LUKOIL ASSISTO is a mineral hardening oil and guarantees excellent hardening results thanks to its quick cooling behaviour.	Hardening and tempering oil pursuant to DIN 51 502-L 15

METALWORKING OILS

METALWORKING OILS, SLIDEWAY OILS

Product name	Descriptions	Quality level/Approvals
LUKOIL SLIDO 68 Prod.-Nr.: 575505	LUKOIL SLIDO is a mineral, zinc-free slideway oil, primarily for machines in the metalworking industry, that prevents stick-slip at low feed rate. The product improves workpiece surface finish quality, extends tool service lives and reduces slideway wear. It is characterised by its ultra-high adhesion, good corrosion protection, very good de-emulsification properties and high ageing resistance.	DIN 51 502 CG, DIN 51 502 CGLP, DIN 51 517 CLP, ISO/TR 3498-G, ISO 6743/13-G
LUKOIL SLIDO 220 Prod.-Nr.: 575520		Cincinnati P47 (LUKOIL SLIDO 68) Cincinnati P50 (LUKOIL SLIDO 220)
LUKOIL SLIDO 320 Prod.-Nr.: 575530		
LUKOIL SLIDO 460 Prod.-Nr.: 575540		Failure load stage pursuant to DIN ISO 14635-1 A/8,3/90-M: >12

LUKOIL Lubricants Europe GmbH
Headquarter Vienna
1220 Vienna, Uferstrasse 8

Scan the QR code for more information:



LUKOIL GENESIS
DEVELOPED INTERNATIONALLY –
REFINED IN AUSTRIA

