



THE UNIL RANGE

Engine oils

- ◆ Synthetic and mineral oils for light petrol to heavy-duty diesel engines
- ◆ Two-stroke engine oil

Transmission oils

- ◆ Mineral and synthetic
- ◆ Multigrade, API GL4 and GL5
- ◆ ATF oils

Hydraulic fluids

- ◆ Hydraulic oils filtered at 3 microns absolute
- ◆ Zinc-free and zinc-containing hydraulic oils
- ◆ Non-flammable hydraulic fluids

Specials for industry

- ◆ Compressor oil
- ◆ Compressed air lubrication
- ◆ General lubrication
- ◆ Transformer oil
- ◆ Gearbox oil
- ◆ Thermal oil
- ◆ White oils

Sprays

- ◆ Silicones
- ◆ Sprockets and cogs
- ◆ Anti-corrosion
- ◆ Tapping oil
- ◆ Brake cleaner
- ◆ Penetrating oil
- ◆ White grease
- ◆ Food quality
- ◆ PTFE

Winter products

- ◆ Anti-freeze
- ◆ Coolants
- ◆ Windscreen washer anti-freeze

Metalworking

- ◆ Cooling and cutting oils for ferrous and non-ferrous
- ◆ Abrasives
- ◆ Vaporising products
- ◆ Micro-atomising
- ◆ Guide oils

Food industry

- ◆ Lubricants for the food industry (USDA H1/NSF)

Greases

- ◆ Bearing greases
- ◆ Multipurpose greases
- ◆ Greases with PTFE, graphite and added MoS2
- ◆ Biodegradable greases
- ◆ Greases for high and low temperatures
- ◆ Specialities

High quality range for motorcycles

- ◆ Oils for engines, transmissions, forks and chains

Material

- ◆ Grease pumps
- ◆ Skimmers
- ◆ Refractometers
- ◆ Filtering appliances
- ◆ Metering pumps
- ◆ Hose reels
- ◆ Collectors

Horticulture and forestry

- ◆ Chainsaw oils
- ◆ Biodegradable oils and greases
- ◆ Two-stroke oils

Cleaning products

- ◆ Degreasers
- ◆ Hand soaps
- ◆ Absorbing granules

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ISO 9001 - ISO 14001
Certified



WATER-SOLUBLE PRODUCTS FOR METALWORKING

Info

Are you not sure about the type of lubricant that you need for your machines? Contact our technical department and we will be pleased to assist you with the selection of your product.

Help Line +32 (0) 2 365 02 00 or by mail to info@unil.com



Free of:

Suitable for:

Boron-free	Free of secondary amines	Free of sulphur	Yellow metals	Aluminium	Steel and alloys	Cast iron	Stainless steel	Titanium	Application examples	Product description	Refractometer index	% to be used in water
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Fully synthetic coolants

Topcut S 216 EP	x	✓	✓	x	x	✓	x	x	x	<ul style="list-style-type: none"> • CNC milling, turning and grinding. 	Highly stable colourless synthetic coolant for all processes. Suitable for both soft and hard water. Contains extreme pressure additives.	1.35	3-6
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Semi-synthetic micro-emulsions

Safecut AERO 400	✓	✓	✓	x	✓	✓	x	x	x	<ul style="list-style-type: none"> • Aluminium for aerospace applications (7175, 7075, 2024, etc.). 	Bio-stable product suitable for medium-hard water that forms an attractive transparent micro-emulsion. Suitable for sawing, turning, milling and drilling stainless steel and its alloys and Aerospace aluminium (7175, 7075, 2024, etc.). Very high corrosion-resistance and cooling and lubricating properties.	2	4-8
Safecut M 100	x	✓	✓	✓	x	✓	✓	x	x	<ul style="list-style-type: none"> • CNC milling and turning cast-iron. 	Bio-stable, semi-synthetic micro-emulsion for general processes with both soft and medium-hard water. Contains latest-generation malleability additives.	1,9	5-7
Safecut M 185 NT	✓	✓	✓	✓	✓	✓	x	✓	+-	<ul style="list-style-type: none"> • CNC milling, turning and tapping for cogs. 	Highly malleable micro-emulsion for all processes with the exception of cast iron. Good cooling and corrosion-resistant properties.	1.1	5-8
Safecut M 170 NT	x	✓	✓	✓	x	✓	✓	+-	x	<ul style="list-style-type: none"> • CNC Milling and turning different kinds of steel. Good for example for cast-iron wheel rims for fork-lift trucks. 	Bio-stable, semi-synthetic micro-emulsion for general processes with both soft and medium-hard water. Contains latest-generation malleability additives.	1.9	5-7
Safecut M 140	x	✓	✓	✓	✓	✓	+-	✓	+-	<ul style="list-style-type: none"> • CNC milling, turning and tapping of parts for looms and agricultural machines. 	Bio-stable, semi-synthetic micro-emulsion for general processes with both soft water and medium-hard water. Contains latest-generation malleability additives.	1.1	5-10
Starcut M 16	x	x	✓	✓	x	✓	✓	x	x	<ul style="list-style-type: none"> • CNC turning and milling cast iron such as parts for water pumps. 	Extremely bio-stable, micro-emulsion for general processes with semi-soft to hard water.	1.7	5-7

Emulsions

Safecut E 209 NT	x	x	✓	✓	✓	✓	x	✓	+-	<ul style="list-style-type: none"> • CNC milling, turning and tapping for heavy duty FE and ALU applications. 	Bio-stable emulsion for general processes suitable for any water hardness. Formulated in line with the latest anti-foam technologies.	0.8	5-10
Safecut E 103	x	✓	✓	✓	✓	✓	x	✓	x	<ul style="list-style-type: none"> • Profiling cable ducts and roof profiles. 	Bio-stable emulsion for general processes suitable for water with normal hardness. High level of mineral oil.	0.9	5-10
Starcut E 25 EP	x	x	x	x	x	✓	x	✓	✓	<ul style="list-style-type: none"> • CNC longitudinal turning, milling Fe and stainless steel. • Shaping stainless steel. 	Emulsion for very heavy-duty general processes suitable for water with any hardness. High level of mineral oil and extreme pressure additives.	0.9	5-15
Starcut E 20	x	x	✓	✓	✓	✓	x	x	x	<ul style="list-style-type: none"> • CNC longitudinal turning, machining, tapping Fe. 	Bio-stable emulsion for general processes suitable for any water hardness. High level of mineral oil.	1.2	5-10
Starcut E 9	x	x	x	✓	✓	✓	x	✓	+-	<ul style="list-style-type: none"> • CNC milling, turning and tapping heavy duty Fe and ALU applications. 	Emulsion for heavy-duty general processes suitable for water with any hardness. High level of mineral oil and extreme pressure additives.	0.9	5-15

Fully synthetic grinding coolants

Stargrind 50	x	✓	✓	x	x	✓	x	x	x	<ul style="list-style-type: none"> • General grinding medium for flat and cylindrical grinding. 	Transparent grinding fluid with good moistening properties and perfect anti-corrosion properties.	1.25	3-4
Stargrind 80 NT	✓	✓	✓	x	x	✓	x	x	x	<ul style="list-style-type: none"> • Grinding medium for professional and heavy duty applications. • Flat, round and centreless grinding. 	Synthetic grinding fluid without boron, good anti-foam, anti-mist and moistening properties for cooling and protecting the grinding wheel.	2.2	3-5
Stargrind CO AM	x	✓	✓	x	x	✓	x	x	x	<ul style="list-style-type: none"> • Tool grinding (milling for the wood industry/metal tooling). 	Transparent grinding fluid with good moistening properties and perfect anti-corrosion properties.	1.5	4-5