











THE UNIL RANGE

Engine oils

- Synthetic and mineral oils for light petrol up to heavy
- ♠ Two-stroke engine oil

Transmission oil

- Mineral and synthetic
- Multigrade, API GL4 and GL5
- ♦ A.T.F. oils

Hydraulic liquids

- ♦ Hydraulic oils filtered at 3 micron
- ★ Zinc-free and zinc-based hydraulic oils
- ♦ Non-flammable hydraulic liquids

Specialities for the industrial sector

- ♠ Compressor oil
- ♠ Compressed air lubricant
- ♠ Transformer oil
- ♦ Thermal oil
- White oils

Spray

- Silicones
- ♠ Gear and sprocket
- ♠ Anti-corrosion
- ♠ Penetrating oil
- ♦ White grease
- ♠ Food-grade
- ◆ PTFE

Winter products ♠ Anti-freeze

- ♠ Coolants
- ♦ Windscreen washer anti-freeze

Metalworking

- ♠ Cooling and cutting oils for ferrous non-ferrous metals
- Abrasives
- Vapourisable products
- Way oils

Food industry

♦ Lubricants for the food industry (USDA H1/NSF)

Grease

- Bearing grease
- ♠ Grease containing PTFE, graphite and
- Grease for high and low temperatures
- Specialities

High grade range for motorcycles

♦ Oils for engines, transmissions, forks and chains

Equipment

- **♦** Skimmers
- ♠ Refractometers • Filtration equipment
- Dosing pumps
- ♦ Hose reels
- Drain trays

Horticulture and forestry

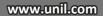
- ♦ Chainsaw oil
- Biodegradable oils and grease

Cleaning products

- Degreasers
- ♦ Hand soap
- Absorbent granules

UNIL LUBRICANTS **SINCE 1903**

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ISO 9001 - ISO 14001 Certified







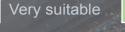






Are you unsure about the type of lubricant you need for your machinery? Contact our technical department, they will gladly help you choose the correct pro-

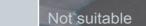
Contact us by phone: +32 (0) 2 365 02 00 or by email: info@unil.com











PRODUCT	VISCO- SITY	CHLORINE	APPLICATION			
Multiple processes: Standardization						
Safelub S 702 AM	17 Cst	×	Thin cutting oil with good lubricity and good cooling capacity. Wide range of processes (e.g. turning, reaming, gear grinding,). Very long tool life.			
Safelub I 952 AM	21 CSt	×	All-round cutting oil with good EP properties. For yellow metals, all types of steel including stainless steel. Clear, odourless, with no misting. For turning, milling, drilling, tapping, gear cutting, etc.			
Honing/Grinding						
Safelub MG AM	9 Cst	×	Extremely thin, liquid, high quality cutting oil. Ideal for use with non-ferrous metals and yellow metals. Can also be used on steels. Very good cooling and lubrication properties, antimist (= no mist formation). Ultra-fine surface finish.			
Longitudinal turning						
Safelub DEC 2 AM	20 Cst	×	Ideal for brass, soft and semi-hard steel types.			
Kutilub DI AM	24 CSt	✓	Ideal for hard steel alloys and stainless steel. Not suitable for yellow metals!			
Kutilub FP 4 AM	15 Cst	✓	Thin oil with good EP properties for steel and stainless steel machining. Reduced smoke formation during machining.			
Tapping						
Safelub I 952 AM	21 CSt	×	All-round cutting oil with good EP properties. For yellow metals, all types of steel including stainless steel. Clear, odourless, with no misting. Excellent tapping results.			
Kutilub DA 3 AM	32 CSt	✓	All-round cutting oil for difficult processes, for both slow and high speeds. Also for use on brass.			
Kutilub TF 9 W	160	√	Specifically formulated as a tapping and thread cutting oil for machining at slow speeds. Heavy additives resulting in a very strong product. The oil is water washable with a good surface finish			

[×] = Not present, **√** = Present

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PRODUCT	VISCO- SITY	CHLORINE	APPLICATION				
For milling aluminium with dosing caps							
Microspray MA AL	27 Cst	*	Biodegradable oil, specially developed for aluminium but can also be used on non-ferrous metals. Suitable for sawing and all kinds of milling and cutting operations.				
Microspray BIO E22	22 Cst	×	Biodegradable oil based on synthetic esters. For use on steel and aluminium but not on yellow metals. For milling, drilling, sawing, and cutting.				
Safelub BIO 35	35 Cst	×	Vegetable-based biodegradable oil with very high lubricity. Ideal for machining aluminium. Not suitable for yellow metals. Can also be misted.				
Safelub BIO ST	50 Cst	*	All-round use for various steel machining processes. Excellent for steels and alloys. Biodegradable.				
Gear grinding							
Safelub MG AM	9 Cst	*	Extremely thin, liquid, high quality cutting oil. Ideal for use with non-ferrous metals and yellow metals. Can also be used on steels. Very good cooling and lubrication properties, antimist (= no mist formation). Ultra-fine surface finish.				
Safelub S 702 AM	17 Cst	×	Thin cutting oil with good lubricity and good cooling capacity. For a wide range of machining options with a very long tool life.				
Gear cutting							
Safelub BIO E 46	46 Cst	×	Based on synthetic esters and is biodegradable. Not suitable for yellow metals.				
Deep drilling							
Kutilub FP 4 AM	15 Cst	✓	Thin oil with good EP properties for machining steels including stainless steel. Ideal for deep drilling.				
Electric discharge machining							
Kutilub ER 1	2.4 Cst	×	For the cooling and removal of micro-chippings with electric discharge machining. Can harm				

PRODUCT	VISCO- SITY	CHLORINE	APPLICATION	
Forming/punching				
Form 925/50	16 Cst	×	Oil with EP additives for forming, light deep drawing, wire drawing, Prevents adhesion to the stamps. Can be misted.	
Starform P 40 S	122 Cst	✓	Used for the striking, cutting and forming of ferrous metals with a thickness of up to 8 mm. Ideal for heavy machining processes (striking bolts, stamping, punching,) on extremely hard materials such as stainless steel, chromium/nickel alloys,	

PRODUCT	VISCOC- ITY	CHLO- RINE	SOLVENT	APPLICATION				
For milling aluminium with metering system								
Microspray SCH	1.1 Cst	×	99%	Ideal for cold forming and punching metals. Also for light cutting and sawing processes.				
Form EV 770	1.6 Cst	×	96.4%	Good for different forming processes such as folding, deep drawing, The oil presents no risks whatsoever to final processing such as welding, painting, and this without prior degreasing!				
Form EV 810	1.2 Cst	×	98.9%	Comparable with the EV 770 but with even faster evaporation				
Form EV 832	1.3 Cst	×	94.9%	Comparable with the EV 770 and the EV 810 but even more EP (so stronger). Moderate evaporation.				
Form EV 883	5 Cst	×	50%	Product based on fatty alcohol. For forming and cutting steel to 5 mm. Long cutting tool life.				
Form EV 4	1.5 Cst	✓	86.8%	Ideal for forming sheet steel to a thickness of 15/10. Slow evaporation, misting and degreasing not required.				