MOTOREX®

# SWISSCUT DECOLINE

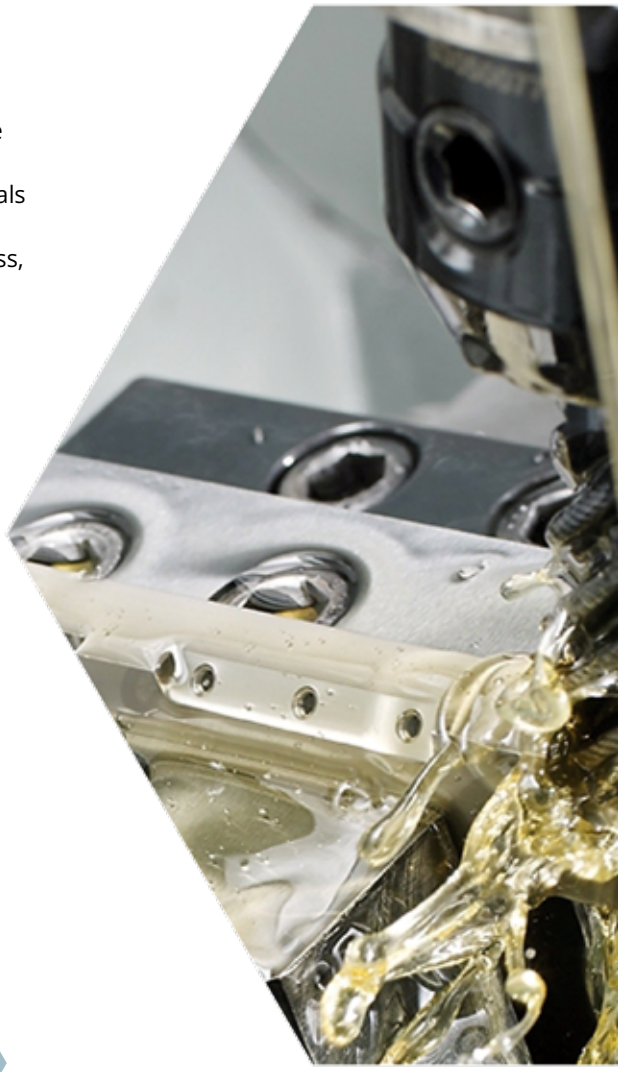
THE NEW MOTOREX HSC-TECHNOLOGY
FOR THE BEST PERFORMANCE

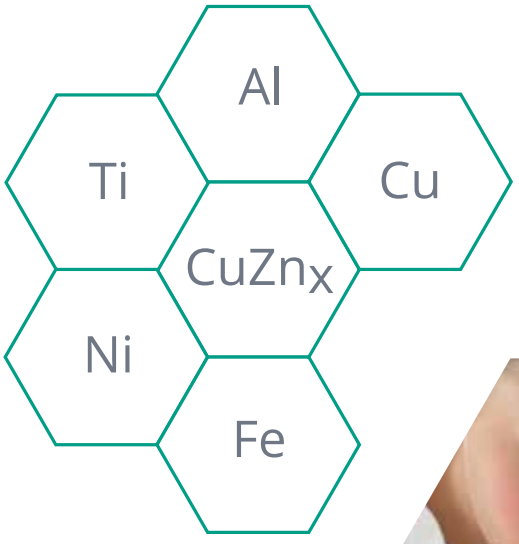
# **SWISSCUT** DECOLINE

## HIGHEST PERFORMANCE MOTOREX CUTTING OILS FOR PERFECT **SURFACE FINISHES AND ACCURACY**

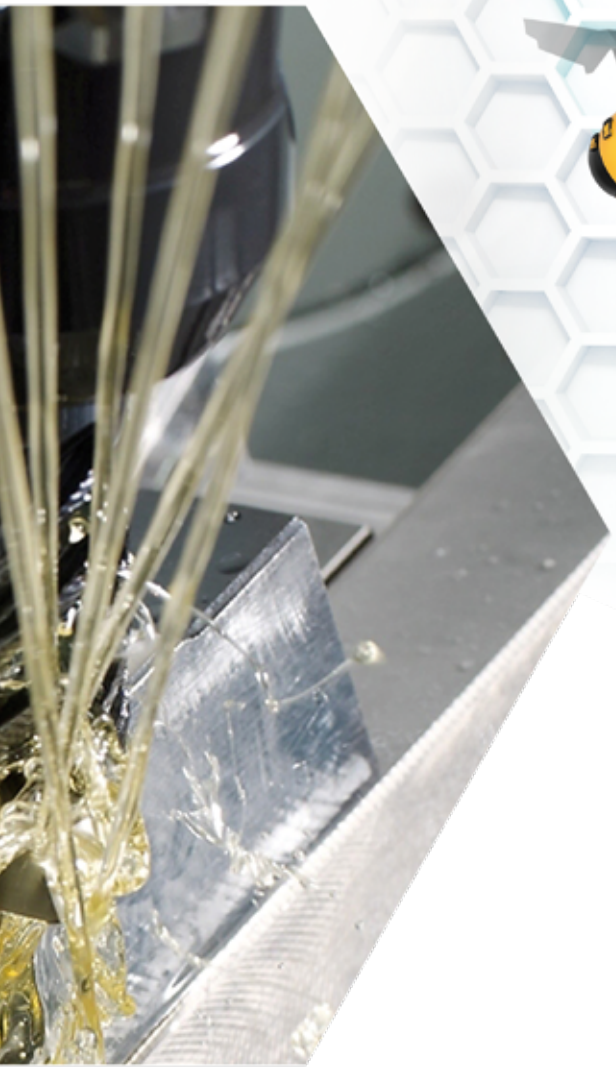
Bees are not only industrious, but also intelligent. They combine their abilities to perform several tasks simultaneously in a targeted and highly efficient manner. Mirroring this principle, MOTOREX uses collective intelligence in the new SWISSCUT DECOLINE.

The new SWISSCUT DECOLINE products are free of chlorine, zinc and other undesirable ingredients. The SWISSCUT DECOLINE products contain high quality base oils that are combined with state of the art additives. The result is excellent compatibility for workers, materials and machines. This allows ideal conditions for difficult machining of critical aluminium alloys, titanium, stainless, high-alloy steels as well as non-ferrous metals.



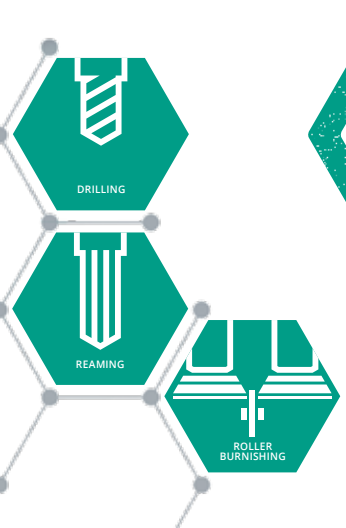


**Collective intelligence**
as a model for success



## FOR BEST **PERFORMANCE**

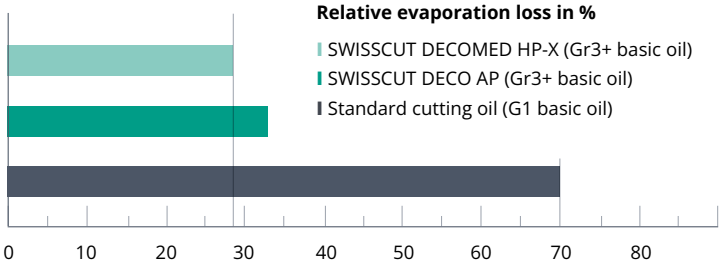
- Outstanding performance
- Low consumption
- Highly effective corrosion protection
- Highest operational reliability due to high flash point and low misting
- Excellent long term process stability
- Outstanding compatibility for operators and machines
- Top marks in medical technology for easy validation
- Highly resistant to ageing
- Reduced production costs




PREMIUM **QUALITY**

## FOR MAXIMUM **PRODUCTIVITY**

With the right product from the SWISSCUT DECOLINE range, **cycle times can be significantly reduced** and **evaporation losses are reduced by up to 60%**. Take advantage of this potential for optimisation in your company!



# **DECOMED** HP-X

## HIGHEST-PERFORMANCE AND COST-EFFICIENCY

SWISSCUT DECOMED HP-X cutting oils were developed according to the strictest criteria for use in medical technology. This universally applicable high-performance cutting oil is ideal for stainless and high-alloy steels, as well as titanium, non-ferrous metals and aluminium. The HSC technology developed by MOTOREX also enables optimized cutting data for all materials, resulting in shorter cycle times.

**Endoscopy component**
made of titanium Grade 5

Titanium **dental implant**

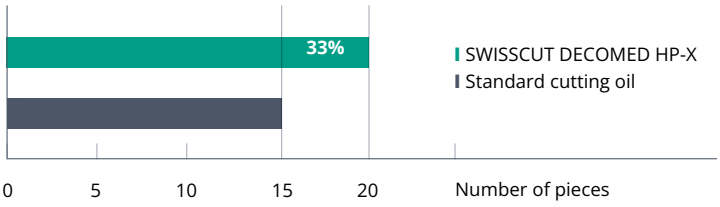
**Hip joint**
made of titanium Grade 5

**Knee joint implant**
of cobalt-chromium-molybdenum alloy

NO CYTOTOXIC EFFECT ACCORDING TO **ISO-10993-5**

## UP TO 33% **MORE PERFORMANCE**

Compare: Processing of medical steel DIN 1.4109




### Field of application

- Drilling and threading
- Deep hole drilling
- Reaming
- Turning and milling
- Hobbing

### Industries

- Aviation
- Automotive industry
- Medical technology

When using cutting oils for the manufacture of implants in the medical sector, good physiological compatibility is a central point. SWISSCUT DECOMED HP-X is not cytotoxic according to ISO-10993-5, (this rigorous test determines the viability of body cells through the processing medium). Cutting oils are classified as non-cytotoxic if the viability of the body cells is over 70%. SWISSCUT DECOMED HP-X has a very good value of over 80%.

**Rotary container**
for laboratory centrifuge made of stainless steel/aluminium alloy

# **DECO** AP

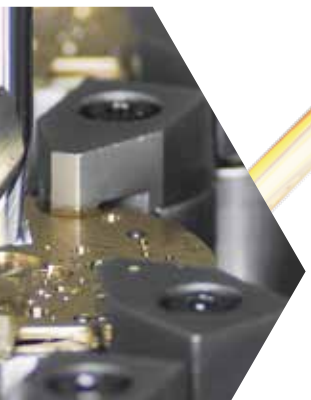
## FOR THE ECONOMICAL MACHINING OF PRECISION PARTS

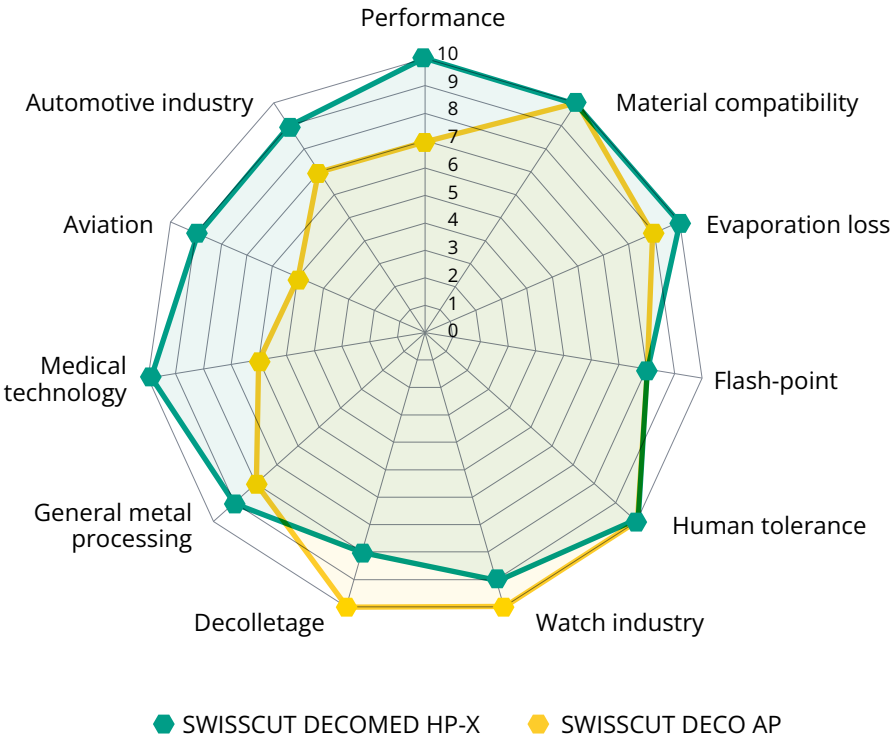
In watchmaking, a wide variety of materials are processed in many different ways. The new cutting oil SWISSCUT DECO AP was developed especially for these demanding requirements and also considering future watch materials. Highest performance, perfect results, SWISSCUT DECO Line.

NO DISCOLORATION ON NON-FERROUS METALS, MARK 1A-1B ACCORDING TO **ASTM D130**

**Compressor wheel**
of Al 3.1924

**Watch plate**
of Brass






| Fields of application | DECOMED HP-X | DECO AP |
|---|---|---|
| Drilling | highly suited | highly suited |
| Depp hole drilling | highly suited | well suited |
| Turning | highly suited | highly suited |
| Milling | highly suited | highly suited |
| Hobbing | highly suited | suited |
| Gear cutting | suited | highly suited |
| Roller burnishing | suited | highly suited |

| Materials | DECOMED HP-X | DECO AP |
|---|---|---|
| Sintered metal | highly suited | suited |
| Steel | highly suited | highly suited |
| Inox | highly suited | suited |
| Titanium | highly suited | suited |
| Brass | highly suited | highly suited |
| Beryllium | well suited | highly suited |
| Nickel silver | well suited | highly suited |
| Precious metal | highly suited | well suited |
| Aluminium | highly suited | highly suited |

suited
well suited
highly suited

# INDUSTRIAL LINE

LIQUID EFFICIENCY WITH MOTOREX!

EXPERIENCE **SINCE 1917**

**INDUSTRIAL LINE** | A WIDE RANGE OF PRODUCTS

| | |
|---|---|
| Spindle oils and coolants | SPINDLE**LINE** |
| Water-miscible cutting fluids | SWISS**COOL** |
| Cutting oils | SWISS**CUT** |
| Grinding fluids | SWISS**GRIND** |
| Forming oils | SWISS**FORMING** |
| EDM oils | SWISS**FINISH** |
| Slideway oils | SWISS**GLIDE** |
| Anti-corrosion fluids | SWISS**PROTECT** |
| Cleaners | SWISS**CLEAN** |
| All-purpose sprays | SPRAY**LINE** |

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