



# SWISSCUT DECOMED HP-X

High-end cutting oil

## Description

SWISSCUT DECOMED HP-X are high-end cutting oils of the latest generation based on highly refined base oils.

SWISSCUT DECOMED HP-X guarantee excellent air-release properties and a good foaming behaviour. These characteristics in combination with the newest performance additives result in a high-level performance which is perfectly suitable for the most difficult hard-to-machine steel alloys.

## Advantages

- **power package**  
above-average tool life
- **wide range of use**  
especially suitable for titanium and medical stainless steel
- **top surface quality**  
minimization of post-processing
- **low evaporation loss**  
low tendency of nebulization even at high-pressure
- **very low foaming**  
no formation of micro-foam thus lower tool wear
- **free of aromatic compounds and other impurities**  
gentle formula
- **high flash point**  
very high process reliability

## Area of application

Suitable for turning, milling, drilling and deep-hole-drilling of difficult to machine steels, nickel alloys, titanium, medical stainless steel, aluminium and non-ferrous metals.

## Durability / storage conditions

48 months at a temperature of 5°C to 40°C in closed container.

## Typical technical key data

Properties	Units	Tested according to	Values		
SWISSCUT DECOMED HP-X			10	15	22
Colour		DIN ISO 2049	yellowish	yellowish	yellowish
Density at 20 °C	g/ml	ASTM D 4052	0.848	0.836	0.827
Viscosity at 40 °C	mm <sup>2</sup> /s	DIN 51562-1	10	15	22
Flash point	°C	DIN EN ISO 2592	172	192	212
Copper corrosion		ASTM D 130	1a-b	1a-b	1a-b

Water hazard class: WGK1

Disposal code: VeVA / EWC 120107

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