SWISSCUT ORTHO S 22

Universal cutting oil

Description

SWISSCUT ORTHO S 22 is a cutting oil based on low-aromatic mineral oils. These contain anti-aging and anti-corrosion agents as well as EP additives. This increases mechanical durability and cutting performance during metalworking. SWISSCUT ORTHO S 22 is clear, low-evaporation, mild in odour and is not prone to foaming or excessive oil mist formation, even in unfavourable working conditions. SWISSCUT ORTHO S 22 is free of chlorine and heavy metals.

Product features

- long-lasting
- skin-friendly
- low odour and mist formation
- good utilisation of machine power
- ecellent surface finish
- dimensional accuracy of workpieces
- long tool life

Application

Material: cast iron, steel, alloyed steel, aluminium and non-ferrous metals

Machining: turning, milling, drilling, grinding, gear tooth grinding, gearing processes and hobbing

Shelf life / Storage

48 months in a closed container at temperatures between 5°C and 40°C.

Technical Data

Properties	Test according to	Unit	Values
Colour			yellow
Density at 20 °C		g/cm3	0.865
Viscosity at 40°C	DIN 51562-1	mm2/s	23.0
Flash point	DIN EN ISO 2592	°C	> 220
Copper corrosion	ASTM D130	Corr.Grade	1B

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.

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