Technical Sprays

Lubricating and Multifunctional Oils

WEICON Cutting Fluid for Stainless Steel



High-performance lubricant | reduces friction and wear | silicone-free

WEICON Cutting Fluid for Stainless Steel is a high-performance lubricant for all types of metalworking, both non-cutting and cutting. It reduces wear on workpieces and tools. It decreases friction and heat generation on metal parts. The transparent special oil extends the service life of cutting tools and drills. Thanks to its high adhesive strength, the pressure-resistant cutting fluid prevents drill tools from slipping and protects surfaces from damage. It increases the efficiency and precision of cutting tools, delivering optimal results. It is permanently temperature-resistant up to +200 °C. It can be used in metalworking for all cutting operations such as drilling, turning, sawing, milling, reaming, threading or punching. The silicone-free spray is suitable for use on stainless steel, all types of steel, copper, aluminium, titanium, brass and cast iron. The drilling and cutting oil can be used in metalworking and many other industrial applications.

Technical data

Odour	mineral oil
Colour	transparent
Specific properties	noise-dampening
Silicone-free	yes
Minimum shelf life	24 mon.
Kinematic viscosity (40°C)	77 mm^2/s
Kinematic viscosity (100°C)	8 mm^2/s
Temperature resistance	-40 °C to +200 °C

Application

Shake can before use. Spray onto the cleaned and dry surface from a distance of approx. 15 cm. The spray can also be applied again during operation in compliance with the relevant safety regulations.

Storage

Container is pressurised. Protect from direct sunlight and temperatures above +50 °C.

Instructions for use

When using WEICON products, the physical, safety-related, toxicological and ecological data and regulations in our EC safety data sheets (www.weicon.com) must be observed.

Available sizes

10105121 WEICON Cutting Fluid for Stainless Steel, 400 ml, transparent

Conversion table

(°C x 1.8) + 32 = °F
mm/25.4 = inch
µm/25.4 = mil
N x 0.225 = lb
N/mm^2 x 145 = psi
MPa x 145 = psi
Nm x 8.851 = lb·in
Nm x 0.738 = lb·ft
Nm x 141.62 = oz·in
mPa·s = cP
N/cm x 0.571 = lb/in
kV/mm x 25.4 = V/mil

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Note
The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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