



MATRAX METAL CUT EP

Description

Non-water-soluble, chlorine-free cutting fluid, with extreme pressure additives, for working on highly severe metals.

Application

High quality, non-water-soluble, chlorine-free cutting fluid. Its formula includes carefully refined mineral bases. It is an oil especially recommended for difficult mechanization work on automatic lathes and milling on highly alloyed and stainless steels. It is also suitable for severe gear cutting work with Fellows, Gleason, etc. machines. As it allows perfect lubrication in conditions of extreme pressure, and precision finishes, it is also suitable for turning steel and stainless steel, internal milling of tubes, punching... It must be used pure without any type of dilution.

Passes the Wieland Corrosion Test:

- Pure product
- Contaminated product (0,2 % water)
- Contaminated product (0,2 % water + 10 % hydraulic)

Technical characteristics

Versatility : Very good results in a wide variety of applications
 Excellent anti-rust protection : both machinery and manufactured parts
 High transparency : during mechanization operation, there is no easy formation of mists, fumes or unpleasant odors



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Technical information

Parameter	Value
Appearance	Ambar
Density at 20 °C [g/cm ³]	0,87
Emulsion appearance	na
Emulsion pH in solution	na
Refractive factor	na
Acid cutting factor	na
Copper corrosion	pass
Herbert corrosion test 5%	na
Flash point (°C) ASTM D 92	32
Kinematic viscosity @40°C (cSt) ASTM D 445	215

Approvals and Recommendations

All packaging must be stored in covered facilities. In cases where outdoor storage is unavoidable, the drums should be placed horizontally to prevent the possible infiltration of water, as well as their deformation. Products should not be stored above 60°C, exposed to direct sunlight or low temperatures. We advise you to read the safety data sheet carefully for more information on its use and handling.