

Scumed srl

Via Giuseppe Di Vittorio 307/3

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PI IT00774350961 - CF 04239450150

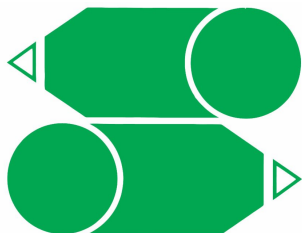
STORED ST

Multifunctional fluid for die sinking EDM.

It is a synthetic product, totally free from aromatic hydrocarbons, colorless, odorless, which allows to operate with high safety both towards the operator and towards the surrounding environment.

It is classified as a harmless product, has a very low tendency to evaporation determined by its very narrow distillation interval (in between 228 C° and 245 C°) and allows, if compared to traditional EDM fluids on the market, to drastically reduce consumption; this fluid has excellent chemical-physical stability which guarantees the inalterability of the initial characteristics and makes it an “endless” product if inserted in centralized systems with adequate filtration.

- Thanks to its particular consistency of viscosimetric gradation, it facilitates the precise calibration of CNC-controlled die-sinking EDMs, while thanks to its excellent cooling properties it reduces the risk of deformation allowing high dimensional accuracy.
- It must be considered a multi-function fluid since it is possible to carry out both medium or high amperage roughing operations (for 24 hour shifts) in total safety thanks to its high flash point, and finishing operations in reduced times for its high deionizing power, even in the presence of complex volumetric shapes
- Suitable in particular for the production of molds from solid, for thermoplastics, for molds intended for the die-casting of light alloys, for the production of blades for gas turbines, for molds for products of rubber or for all those applications where high performance in the roughing phase is necessary together with a reduced surface roughness in the finishing phase
- Supplied in 210lt (160kg) drums



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Technical specifications:

Feature	Norm	Unity of measure	Value
Density	ASTM D 1298	Kg / dm ³	0,760
Viscosity at 20 °C	ASTM D 445	cSt	2,5
Flash point	ASTM D 93	°C	>100
Distillation start point	ASTM D 86	°C	228
Distillation end point	ASTM D 86	°C	245
Color	ASTM D 156	-	30
Aromatic contents	-	-	< 0,3
Aspect	-	-	Clear yellow fluid
Odor	-	-	Absent