

Technical Data Sheet

Multidraw ST WM

Product description

- water-miscible cooling lubricant
- based on fully synthetic additive components and base oils
- free of mineral oil

Characteristics

Colour / Appearance:	clear, slightly yellowish
Density/15°C / DIN EN ISO 12185:	1060 kg/m ³
Viscosity/40°C / ASTM D 7042 :	460 mm ² /s
pH-value (10 % in distilled H ₂ O) / DIN 51 369:	9.7
Conductance (10 % distilled water):	220
Correction factor for determination of the concentration - refractometer:	1.1

Application

Multidraw ST WM is a water-miscible drawing lubricant for the production of high-strength stainless steel wires in the intermediate and fine drawing (inlet diameter approx. 2 mm), e.g. for the medical technology. The product is characterized by a high lifetime of the drawing dies as well as very clean wire surfaces.

Working concentration

Depending on the application up to 100 %.

Preparation of the emulsion

We recommend de-mineralised water for the preparation of the emulsion. Please mix the concentrate with a thin and steady stream into water. Due to its high viscosity it is not recommended to use **Multidraw ST WM** in automatic mixing devices.

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09/2017-30270-3

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Storage

In general, we recommend stirring the **Multidraw ST WM** concentrate before using it.

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