

## MSA - AME 500

Metal Working Lubricant

### Product Information

**MSA - AME 500** is a high performance neat metal working fluid for machining and forming of steel, cast iron and non-ferrous metals. It is especially designed for micro-lubrication purposes. It is successfully used for sawing, engraving, thread rolling, counter sinking, shaping, punching, pressing, drawing, drilling, turning and milling operations.

**MSA - AME 500** consists of a special combination of fatty acid esters. The balanced additive combination provides lubrication even with low feed amounts. The results are extended tool life and superior surface quality. **MSA - AME 500** does not contain mineral oil, chlorine or zinc.

**MSA - AME 500** is ready to use and can be applied by immersion, rolling or spraying. Depending on the shape of the work piece and the type of application process, it is often possible to reduce or even skip following cleaning operations.

Work piece produced with **MSA - AME 500** can easily be degreased with conventional alkaline industrial cleaners. For best results, we recommend the use of our **PURGON** industrial cleaners.

### Technical Data

Appearance	medium viscous, yellow liquid
Specific gravity 20°C	940 kg/m <sup>3</sup>
Viscosity 40°C	45 mm <sup>2</sup> /s
Flash point (COC)	300°C

### Storage

During storage **MSA - AME 500** should not be exposed to temperatures below 0°C or above 40°C. Large temperature fluctuation has also to be avoided. It should be brought to room temperature prior to usage.

### Health and Safety

Please refer to Material Safety Data Sheet for complete information.

### Disclaimer

All statements, technical information and recommendations contained in this Product Information, tests and data unitech believes to be reliable, but the accuracy or completeness is not guaranteed.

unitech warrants unitech products will be free from defects when shipped to the customer. unitech's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement the customer must notify unitech of the claimed defect within six month after shipment of product to the customer. unitech shall have no liability for any injury, loss or damage arising out of use of or inability to use the products.

**Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.**

No representation or recommendation not contained in this product information shall have any force or effect unless it is a written document confirmed by unitech.

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