

MSA - EDF 50

Mineral Oil Based Metal Working Lubricant

Product Information

MSA - EDF 50 is a high performance neat metal working oil for the forming, stamping and machining of steel. It is especially designed for severe fine-blanking and deep-drawing operations.

MSA - EDF 50 contains severely hydrotreated base oils with low aromatic content, natural and synthetic fatty components, partially sulphurized esters and phosphorous additives. It contains no chlorine or zinc. The balanced additive combination provides lubrication and reduces wear. The results are extended tool life and superior surface quality.

MSA - EDF 50 is ready to use and can be applied by rolling, spraying or manual application.

Work piece produced with **MSA - EDF 50** can easily be degreased with conventional alkaline industrial cleaners. For best results, we recommend the use of our **PURGON** industrial cleaners.

Technical Data

Appearance	yellow liquid
Specific gravity 15°C	900 kg/m ³
Viscosity 40°C	50 mm ² /s
Flash point (COC)	165°C

Storage

During storage **MSA - EDF 50** 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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