

## MSA - TA 20 B

Mineral Oil Based Metal Working Lubricant

### Product Information

**MSA - TA 20 B** is a high performance neat metal working oil for the machining of steel. It is especially designed for drilling, turning and milling operations prior to gun drilling with MSA - LPC 412 B if a higher viscosity is required for those operations.

**MSA - TA 20 B** is characterized by good rinsing properties, fast heat transfer and excellent chip transportation.

**MSA - TA 20 B** 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. **MSA - TA 20 B** has the same additive combination as MSA - LPC 412 B to ensure compatibility if carried over into the gun drilling process. The balanced additive combination provides lubrication and reduces wear. The results are extended tool life and superior surface quality.

Work piece produced with **MSA - TA 20 B** can be easily degreased with conventional alkaline industrial cleaners.

### Technical Data

Appearance	yellow low viscous liquid
Specific gravity 15°C	885 kg/m <sup>3</sup>
Viscosity 40°C	20 mm <sup>2</sup> /s
Flash point (COC)	165°C

### Storage

During storage **MSA - TA 20 B** 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 and 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.

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