

HIGHTEC FORM NMU 150

Multi-functional product for cold forming of large parts

Description

HIGHTEC FORM NMU 150 is a water-immiscible, chlorine-free, mineral oil-based, multi-functional oil. Due to the high polarity of the substances, it is particularly suitable for use as both a slide way and cold extrusion oil at the same time.

Application

HIGHTEC FORM NMU 150 is easy to apply. It can be applied onto the workpiece to be machined by spraying, flow coating, immersion or rolling.

Benefits

- Versatile metal forming lubricant, also suitable as a bed way lubricant
- High lubricating performance
- High level of wear protection for the tools
- Very good compatibility with all tool coatings
- Good corrosion protection properties

Recommendation

Field of application:

- Cold extrusion and slide way
- Deep drawing, pressing, punching

HIGHTEC FORM NMU 150 is suitable for machining steel, stainless steel, aluminium and non-ferrous metals.

Notices

Storage:

When stored in dry, frost-free rooms and in original, unopened containers the storage period is: 36 months
Temperature range: 0-40°C

Degreasing:

HIGHTEC FORM NMU 150 can be degreased using conventional degreasing media, for example by spray cleaning or immersion cleaning in aqueous-alkaline cleaning agents.

Typical characteristics

| Property | Method | Unit | Value |
|---------------------------|-----------------------------|-------|---------|
| Density at 15 °C | ASTM D-7042 | g/ml | 0.9 |
| Kinematic viscosity KV 40 | ASTM D-7042 | mm²/s | 150-160 |
| Flash point | ASTM D-92 / DIN EN ISO 2592 | °C | >180 |

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