

## HIGHTEC FORM NDS 185

Metal forming lubricant with a very high active substance content for machining steels and stainless steel that are difficult to mould

### Description

HIGHTEC FORM NDS 185 is a water-immiscible, metal forming lubricant of medium viscosity with a very high additive content. HIGHTEC FORM NDS 185 is suitable for very difficult metal forming processes due to its strongly polar components and its extremely pressure-resistant lubricating film.

### Application

HIGHTEC FORM NDS 185 is applied undiluted onto the workpiece by either rolling or spraying.

### Advantages

- Heavy-duty forming oil
- Very high EP effect
- First-rate pressure absorption capacity
- Depending on the application, chlorine-containing machining media can be easily replaced
- Extension of the tool life
- Chlorine-free

### Recommendation

Pressing Cold extrusion Deep drawing Precision cutting HIGHTEC FORM NDS 185 is suitable for machining materials made of steel and stainless steel.

### Notes

- Degreasing
- HIGHTEC FORM NDS 185 can be degreased with aqueous-alkaline cleaning agents and solvent cleaning agents.
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- Storage
- When stored in dry, frost-free rooms and in original, unopened containers the storage period is: 36 months
- Temperature range: 0-40°C



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.96
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	185,0
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 170
Color		visual	braun / brown

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