

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.

Benefits

- 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.

Notices

Degreasing
HIGHTEC FORM NDS 185 can be degreased with aqueous-alkaline cleaning agents and solvent cleaning agents.

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	0.953
Color	visuell	-	braun / brown
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	185,0
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 170

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