

HIGHTEC FORM NDN 550

High-performance, metal forming lubricant specially designed to machine steel and stainless steel

Description

HIGHTEC FORM NDN 550 is a water-immiscible, metal forming lubricant of medium viscosity with a very high level of performance. HIGHTEC FORM NDN 550 is suitable for very difficult metal forming processes due to its strongly polar components and its extremely pressure-resistant lubricating film.

Application

HIGHTEC FORM NDN 550 is applied undiluted onto the workpiece by either rolling or spraying.

Advantages

- Heavy-duty forming oil
- Extremely 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

Field of application: - Pressing - Drawing - Deep drawing
HIGHTEC FORM NDN 550 is suitable for machining materials made of steel and stainless steel.

Notes

- 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 NDN 550 can be degreased with aqueous-alkaline cleaning agents and solvent cleaning agents in the event of planned cleaning of the workpieces.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.97
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	465
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	>200
Color		visual	braun

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