

HIGHTEC FORM NK 2

High-performance concentrate for water-immiscible, metal forming lubricants

Description

HIGHTEC FORM NK 2 is a particularly strong additive-enhanced, high-performance concentrate, which has been developed specifically for machining steels and stainless steels. HIGHTEC FORM NK 2 contains special EP additives that lead to an improvement in the pressure absorption capacity.

Application

HIGHTEC FORM NK 2 can be added (1-50%) to increase the performance of the metal forming lubricant being used.

Benefits

- Chlorine-free
- Extremely high EP performance
- Extension of the tool life
- Depending on the application, chlorine-containing machining media can be easily replaced
- Compatibility with all common water-immiscible metal-working oils

Recommendation

Pressing
Multi-stage metal forming
Cold extrusion
Deep drawing

HIGHTEC FORM NK 2 is not suitable for machining non-ferrous metals.

Notices

Degreasing
HIGHTEC FORM NK 2 can be degreased using conventional degreasing media, for example by spray cleaning or immersion cleaning with aqueous-alkaline 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	0.995
Color	visuell	-	braun / brown
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	85,0
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 100

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