

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.

Advantages

- 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.

Notes

- 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
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	85,0
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	> 100
Color		visual	braun / brown

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

