



Eni metalStanz ST 80 HEP

Eni metalStanz ST 80 HEP is a high-alloyed not water miscible forming lubricant with polar agents.

Characteristics (typical figures):

Eni metalStanz ST 80 HEP		Unit	Test method
Colour	brown		
Viscosity at 40°C	ca. 121	mm ² /s	DIN 51 562
Density at 20°C	ca. 0,95	g/ml	DIN 51 757
Flashpoint	ca. 200	°C	DIN ISO 2592
Copper corrosion	4-100A3	Corr.-grade	ASTM D 130

Properties and Performance:

- very productive forming lubricant based on mineral oil, with polar agents
- not water miscible, chlorine free
- leaves a thin oily film, which can be removed with aqueous neutral respectively alkaline cleaners
- thin coats do not interfere with welding operations

Applications:

Eni metalStanz ST 80 HEP is mainly suitable as drawing and stamping oil for the machining of ferrous materials, also applicable for pressing and fine cutting. Agip metalStanz ST 80 HEP is only conditionally suitable for the machining of nonferrous metals. The product can be applied with all common procedures.

Information:

Observe the valid VDI Guidelines 3035 and 3397 (1 - 3) when using the product. To maintain the function of a cooling lubricant the product has to be stored frost free.

The product is a water hazardous liquid.

The BGR/GUV-R 143 - Operations with cooling lubricants - has to be observed for safe handling.

For specific technical questions please contact our technical department. Get information in reference to our training seminar about the subject cooling lubricants.