



# Eni metalStanz ST 120 AE

**Eni metalStanz ST 120 AE** is a high-alloyed, not water miscible high performance forming lubricant with polar components and a very high proportion of EP additives.

## Characteristics (typical figures):

metalStanz ST 120 AE		Unit	Test method
Colour	Brown, clear		
Viscosity at 40°C	ca. 117	mm <sup>2</sup> /s	DIN 51 562
Density at 15°C	ca. 1,01	g/ml	DIN 51 757
Flashpoint	ca. 175	°C	DIN ISO 2592
Copper (strip) corrosion	4-50A3	Corr.-grade	ASTM D 130

## Properties and Performance:

- very productive forming oil based on mineral oil with polar components
- not water miscible, chlorine free
- leaves a thin oily film, which can be removed with aqueous neutral respectively alkaline cleaners
- high proportion of EP additives

## Applications:

**Eni metalStanz ST 120 AE** is mainly suitable as deep drawing, extrusion and fine cutting oil for the machining of ferrous materials, also for high-tensile chromium-nickel steels. Agip metalStanz ST 120 AE is not suitable for the processing of non-ferrous metals.

## Information:

For use, please observe the applicable VDI guidelines 3035 and 3397 (1-3).

The DGUV – Rule 109-003 - activities with cooling lubricants - is for a safe apply handling.

Due to the raw materials selected, there may be slight variations in color and Appearance may be possible. However, these have no influence on the functionality of the product. The minimum shelf life / storage condition is 24 months at a temperature of 5°C 40°C in a closed room.

Further information can be obtained from our application technology department. Find out about the range of seminars on the topic of cooling lubricants.