



Eni metalPress ST 300 EP

Eni metalPress ST 300 EP is a not water miscible forming lubricant with polar components and EP agents.

Characteristics (typical figures):

Eni metalPress ST 300 EP		Unit	Test method
Colour number	5		
Viscosity/40°C	200	mm ² /s	DIN 51 562
Density/15°C	981	kg/m ³	DIN 51 757
Flashpoint	180	°C	DIN ISO 2592
Copper corrosion	4-100A3	Corr.-grade	ASTM D 130

Properties and Performance:

- efficient forming lubricant
- excellent pressure absorption capacity
- chlorine free
- very good ageing and corrosion protection
- high temperature resistance
- active agents
- polar agents

Applications:

Eni metalPress ST 300 EP is favourably used for pressing, expanding, reducing and drawing of high alloyed and difficult formable steels. Not suitable for the machining of non-ferrous metals. The product is applied undiluted on the material through rolling, drip lubricator or by spraying or dipping method. For defatting the use of alkaline cleaners is possible.

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.