



# eni metalPress WM E

**eni metalPress WM E** is a water miscible forming lubricant with polar components and EP agents.

## Characteristics (typical figures):

eni metalPress WM E		Unit	Test method
Colour number	5		
Viscosity/40°C	105	mm <sup>2</sup> /s	DIN 51 562
Density/20°C	930	kg/m <sup>3</sup>	DIN 51 757
Flashpoint	130	°C	DIN ISO 2592
pH value (10%)	9,2		DIN 51 369
Corrosion grade (4%)	0-0		DIN 51360-2
Refractometer factor	0,9		

## Properties and Performance:

- capable drawing medium
- application water mixed or not water mixed
- good pressure absorption capacity
- good adhesiveness
- chlorine free
- very good corrosion protection
- long emulsion service life

## Applications:

**eni metalPress WM E** is applied for punching and drawing of metal sheets up to 2 mm. We recommend an emulsion concentration between 10 and 30% according to the processing. The application of alkaline cleaners is possible for defatting.

## Information:

The product meets the requirements of the TRGS 611 Section 4. Please observe the valid VDI Guidelines 3035 and 3397 (1-3) as well as the Regulations of the TRGS 611 Section 5 for the application. When mixing always give the concentrate into the water, a more homogeneous emulsion is achievable by using an automatic mixing unit. A frost-free storage is necessary to maintain the functionality of the cooling lubricant concentrate.

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.