

## Technical Information

### hebro<sup>®</sup>cut S28

## High-performance EP lubrication agent for metal working fluids -chlorine free – free of mineral oils

### Product description

**hebro<sup>®</sup>cut S28** is a low viscous cutting oil based on fatty substances / basic ester with high pressure capacity, that offers good lubricity and gliding effects. It is used as EP-lubricant all over there where common mineral oil lubricants no longer suffice. Thereby the efficiency of machines and the lifetime of tools are substantially increased.

The combination of carefully matched, high-quality raw materials effects a high pressure sensing and provides optimal working results.

**hebro<sup>®</sup>cut S28** is used in the metal working for turning, milling, thread-cutting and deep hole drilling, deep drawing, punching, drawing, rolling, pressing and bending. It shows excellent skin compatibility. The use is possible in a variety of materials, it is particularly suitable for the processing of aluminum.

**hebro<sup>®</sup>cut S28** forms a lubricant film under pressure and heat with a very low coefficient of friction. The simultaneously smoothing of the friction surfaces reduces wear, and in addition special corrosion inhibitors provide outstanding corrosion protection.

**hebro<sup>®</sup>cut S28** is used for the processing by means of hand spray bottles or drop collectors, a mixture with other water-insoluble mineral lubricating oils is possible.

### Characteristics:

Form:	liquid
Colour:	yellow-brown
Odour:	typical
Density at 20°C:	0.90 g/cm <sup>3</sup>
Viscosity at 40°C:	28 mm <sup>2</sup> /s
Flash point:	>180°C

