



# Produktinformation

## esgeCool NT 9242

### EP cooling lubricant concentrate with new emulsifier technology

**esgeCool NT 9242** is a water miscible, mineral oil containing EP-cooling lubricant, that can be used universally. **esgeCool NT 9242** contains no chlorine, no boric acid, and no Heavy metals, is well tolerated by the skin and corresponds to the TRGS 611.

**esgeCool-NT 9242** is initially introduced by slowly pouring and thoroughly stirring in drinking water. This results in a finely dispersed, low-foaming emulsion with a distinct cooling and flushing effect. **esgeCool NT 9242** can also be processed with the use of automatic mixing devices.

**esgeCool NT 9242** has a pleasant odor and provides a long lasting corrosion protection. Based on the used ingredients, **esgeCool NT 9242** has such a high technical stability that it is produced even without formaldehyde donors (= bactericide). To keep the concentrate characteristics, the mixing concentration should not fall below 5%. So then very long emulsion life can be reached.

**esgeCool NT 9242** can be used up to a water hardness from 60 ° dH.

**esgeCool NT 9242** is particularly suitable for the machining of steel, cast iron, aluminum and non-ferrous metal materials and can be used for stand-alone machines, machining centers and in central-systems.

#### Technical Data:

Mineral Oil Content	PH value	Corrosion protection (DIN 51360/2)
ap. 40%	at 5% = 9.7	at 5% = grade 0

#### Working concentrations:

Machining: 5% or more  
For very difficult machining operations: up to 10%

The determination of the concentration of the operating emulsion can be determined with a hand Refractometer.

Refractometerfactor: 1.0

This product information represents the product and its possible applications, but in no case guaranteed features.

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