



## PRODUCT INFORMATION

State: 21.01.2013

## HIGH PERFORMANCE COOLANT

## A-0807655

### PRODUCT DEFINITION

A-0807655 is a semi-synthetic, mineral oil emulsive, bactericide- and chlorine-free EP-coolant for the cutting metal processing of steel, malleable iron and aluminium alloys.

A-0807655 is applicable for machining and grinding operations. Due to the mineral oil portion the product corresponds to the requirements of the respective machine tool manufacturer.

### APPLICATION

Mixing is effected by slow pouring into drinking water or sterile industrial waters with simultaneous stirring or by means of automatic mixing appartuses.

### MIXTURE PROPOSAL

|                               |      |
|-------------------------------|------|
| machining St., GG-GGG, Al, Ms | 1:20 |
| grinding St. up to GGG        | 1:33 |

### DETERMINATION OF CONCENTRATIONS

The concentration control of the emulsion can be effected with a hand refractometer.

#### TECHNICAL DATA

|                      |                                               |
|----------------------|-----------------------------------------------|
| colour               | yellowish                                     |
| pH-value 5 %         | approx. 9,2      DIN 51369                    |
| viscosity at 20 °C   | approx. 205 mm <sup>2</sup> /s      DIN 51562 |
| density at 20 °C     | approx. 1,0 g/cm <sup>3</sup> DIN 51757       |
| Refractometer factor | 1,5 (scale value x 1,5 = concentration)       |