



PRODUCT INFORMATION

State: 03.08.2010

COOLANT

A-0807674

PRODUCT DEFINITION

A-0807674 is a mineral oil emulsive, semi-synthetic, chlorine-free EP coolant for the general metal processing as well as for grinding of steels, malleable iron and aluminium alloys. Die machining as well as sawing is guaranteed due to the extremely high additives and corresponds to the TRGS-611. The product is low foaming and especially appropriate for NC- and CNC-centers. 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 steels	1:20 to 1:30
machining of tough-hard steels	1:10 to 1:20
malleable cast iron and Al-alloys	
punching, deep-drawing	1:20 to 1:25
grinding	1:30

DETERMINATION OF CONCENTRATIONS

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

TECHNICAL DATA

colour	brownish
pH-value 5 %	approx. 9,4 DIN 51369
viscosity at 20 °C	approx. 205 mm ² /s DIN 51561
density at 20 °C	ca. 0,978 g/ml DIN 51757
refractometer factor	1,1 (scale value = concentration)