



Neste Cutting 100

Water-miscible metal working fluid

DESCRIPTION

Neste Cutting 100 is a mineral oil based metal working fluid which forms a stable emulsion. The fluid has good resistance against bacteria and fungi.

SPECIAL FEATURES AND BENEFITS

- Effective lubrication
- Good cooling performance
- Prevents growth of bacteria and fungi

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	910
Viscosity cSt/ 40 °C	35
pH-value (5%)	9.1
Corrosion resistance DIN 51360/1, 2%	0 - 0
Refractometer factor	0,9

APPLICATIONS

Neste Cutting 100 is suitable for the general machining of all metals, for example for the turning, drilling and sawing of steel, aluminium and brass, and for the grinding of steel and cast iron.

The best performance is reached by adding NESTE CUTTING 100 to water in concentrations:

Machining on non-ferrous metals, min 3%

Machining and grinding, steel, min 4%

Machining of cast iron , min 5%

Storage: + 5 °C ... + 40 °C
