



Neste Cutting F 110

Semi-synthetic water-miscible metal working fluid

Neste Cutting F 110 is a semi-synthetic concentrate which forms a fine, translucent emulsion with water. The product is free from amines and boric acid. It contains chlorine-free AW / EP additives which strengthen the lubricating film.

Neste Cutting F110 forms a very stable, long-life emulsion which gives good protection against corrosion as well as bacteria, yeast and fungi.

SPECIAL FEATURES AND BENEFITS

- Effective anti-wear and EP additives
- Good antirust properties
- Very stable emulsion
- Prevents growth of bacteria and fungi

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	1000
pH 5% emulsion	9.2
Corrosion protection DIN 51360/1, 2%	R0-S0
Refractometer Brix Index	0,9
Viscosity 20 °C, cSt	160

APPLICATIONS

Neste Cutting F110 is suitable for the general machining, turning, milling, screw cutting, drilling, sawing, grinding of steel alloys and aluminium.

Recommended mixing ratio

- for machining of aluminium alloys, steel and cast iron, min. 6%
- for machining of alloyed steel, min.6%

Storage : +5 + 40 °C
