

Product information



SUNOCO Sunicool K

Description Bio-stable free emulsifying half-synthetic metalworking fluid for all chip removal operations.

Application For chip removal operations, such as turning, milling, drilling, tapping and grinding of ferro and non-ferro metals and alloys, cast iron, stainless steel, titanium, aluminium,... Specially apt in combination with working tools in CNC applications.

Concentration to be used:

- general use : 3 to 5%
- heavy duty applications: 7 to 10%

Properties The product doesn't contain any dangerous or aggressive components, such as chlorine, phosphor, sulphur, phenols, PCA's, PCB's,... and doesn't form any nitrosamine. The bio-stable properties make an easy control on growth of bactericides and fungicides possible, resulting in a longer emulsion application time and a more hygienic working environment.

- white transparent emulsion, with high visibility on the working peace.
- excellent cooling and lubrication with long tool service life.
- Reinforced anti-corrosion properties.
- Excellent resistance against bacteria and fungi.
- good foam resistance and fast deposit.
- not aggressive to paint or synthetic materials.
- nice odour and skin friendly.

Typical analysis :

Density at 15°C	0.950
pH value 4%	9
Foam test 1:20 / 1:40	0-0
Corrosion test HCT 1:40	0-0
Refract meter factor X	0,96

Dilution ratio control :

Concentration	=	Refract meter
10% (1:10)	=	10.5° Brix
7% (1:15)	=	7.3° Brix
5% (1:20)	=	5.3° Brix
4% (1:25)	=	4.2° Brix
3% (1:33)	=	3.2° Brix

All technical data is provided for reference only.

10 - 2009