

Technical Data Sheet

XDP1000

Soluble concentrate for general machining

DISCRIPTION

XDP1000 is a water-miscible cutting fluid with high lubricating and cooling properties based on refined mineral oil and anti-wear and anti-oxidant additives. Thanks to its high oil content, it allows to obtain a very good finish of parts and a long life of the tool.

XDP1000 is a cutting product that is suitable for machining metals such as steel, copper, brass and their alloys. It can be used in a wide range of water hardness between 50 and 500 ppm CaCO₃.

XDP1000 is a free soluble oil from chlorinated derivatives, boron, amines, nitrites or Sulphur's.

ADVANTAGES

- Good corrosion and oxidation protection properties,
- High bio-stability giving a long life emulsion stability
- Better cooling and lubricating capacity
- Good flushing and keeping away chips from cutting zone.

PHYSICAL CHARACTERISTICS

Appearance:	Transparent liquid
Colour:	Amber
Density at 20°C:	0,88 g/ml
Refractometric factor:	1 (Measure in Brix x 1 = % of dilution)
pH (5%):	9

APPLICATION

XDP1000 is a concentrate which must be diluted in water with hardness between 50 to 500 ppm of CaCO₃. Concentrate has to be added to water and not vice versa. The application concentration could be between 5% to 6% for light duty operations and between 8% to 10% for heavy duty ones.

SECURITY

See Safety Data Sheet

STORAGE

Store in a closed area at temperatures not below 5°C or above 40°C
Shelf life: 1 year

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