

Technical Data Sheet

XDP2000

Semi-synthetic fluid for metal machining

DISCRIPTION

XDP2000 is a semi-synthetic cutting fluid with high stability, designed for excellent surface finishes on ferrous metals, aluminium and aluminium alloys. It works specially where water is soft or with medium hardness. Once diluted disperses in nano-globules avoiding coalescence, depositions and other imperfections of the classic emulsions. XDP2000 meets the latest technological advances in cutting solution and is able to save your application by high longevity in use.

Contains no secondary amines, nitrites, halogenated derivatives or any other substance that may adversely affect both health and the environment.

ADVANTAGES

- Greater cooling power,
- Increased resistance to foreign oils,
- Lower drag,
- High emulsion stability in soft or medium hard water,
- High power corrosion inhibitor,
- High lubricating effect,
- Keep away swarf and fines from operation area.
- Reject hydraulic and tramp oil

PHYSICAL CHARACTERISTICS

Appearance:	Transparent liquid
Colour:	Yellow
Density (g/ml):	1.00 at 20°C
Refractive factor:	1,78 (Reading ° Brix x 1,78 = Concentration)
pH(5%):	9

APPLICATION

XDP2000 is dispersed in water by adding the concentrate to the water until the minimum of 4% and the maximum of 12%. The ideal concentration must be determined according to the complexity of the operation and water hardness:

The product will be used for machining aluminium and ferrous alloys which intended to minimize the drag of coolant per piece.

SECURITY

See Security and Health data sheet

STORAGE

Store in a closed area at temperatures not below 5°C or above 40°C

Shelf life: 1 year

Keep the container correctly closed after used to avoid evaporation or contamination.

The information presented here is reliable, but conditions and methods of application, out of our control, can modify the results. Before using our products, you must confirm that they are adequate. In no case our recommendations or suggestions about using our products will be understood as violation of any patent.



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