



PRISTA® EMULSOL B

PRISTA OIL

■ DESCRIPTION

PRISTA® EMULSOL B is neat oil concentrates that when mixed with water form milky emulsions. The product is formulated from highly refined base stocks of paraffinic-naphthenic type and an additive package ensuring very good lubricity and stability of the emulsion and resistance to bacterial growth, and excellent protection of working tools and machined parts against corrosion and wear. Free from chlorine and nitrites.

■ APPLICATION

PRISTA® EMULSOL B cutting fluid is used as 5% oil-in-water emulsions in various ferrous metal removing and forming operations, such as: turning, milling, drilling, grinding, tapping and threading, broaching and gear-cutting.

METALWORKING FLUIDS



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■ SPECIFICATIONS

ISO-L-MAB according to ISO 6743/7

■ TYPICAL CHARACTERISTICS

PARAMETER	TEST METHOD	EMULSOL B
Properties of 5% water emulsion:		
- pH	ISO 4316	9.0
- Stability, %	BDS 14843-79	80
- Foaming, mm/s	BDS 14887-79	10/0
- Emulsification time, s	BDS 15014-80	250
- Ferrous metal corrosion	BDS 14912-79	pass
- Four Ball EP wear	ASTM D 2783	
- Seizure load, N		600
- Weld point, N		1600

Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.