



PRISTA® SYNTHOL A

PRISTA OIL

■ DESCRIPTION

PRISTA® SYNTHOL A is semi-synthetic concentrate which when mixed with water forms semi-transparent solutions. The additive package used for the formulation of the concentrates imparts very good lubricity and very good chip removal properties, minimum foaming and excellent protection both for the working tools and machined parts against corrosion and wear as well as for the working fluids against bacterial growth. Free from chlorine, nitrites, phenols and secondary amines.

■ APPLICATION

PRISTA® SYNTHOL A is recommended for light duty operations such as grinding, turning and drilling of ferrous metals, where the cooling properties of the fluid are crucial. The recommended concentrations of the oil-in-water solutions are from 3% to 5%, depending on the operating conditions and the quality of the machined material:

- Grinding operations - 3%
- Normal machining operations - 3.0% to 4.0%
- Heavy duty machining operations - 4.0% to 5.0%

■ TECHNICAL DESIGNATION:

ISO-L-MAG - according to ISO 6743/7

METAL WORKING FLUIDS



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■ TYPICAL CHARACTERISTICS

Nº	PARAMETER	TEST METHOD	TYPICAL VALUES
1.	Concentrate parameters - Kinematic viscosity at 20°C, cSt - Density at 20°C, g/ml	EN ISO 3104 EN ISO 3675	21 1.007
2.	Properties of 3% water solution: - pH - Foaming, mm/s - Cast iron corrosion - Steel corrosion	IISO 4316 BDS 14887 BDS 14912 BDS 14912	9.4 5/0 pass pass

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.