

TORMA TF2 PL

Description:

TORMA TF2 PL is a metalworkingfluid used for lamination blanking. The product is innovative and advantageous, thanks to its property to increase stamps life.

It has the following properties:

- No mineral oil;
- Greasing power in order to obtain a sufficient anti-wear property. EP PROPERTIES;
- Cobalt compatibility (hard metal alloy) in order to ensure dies integrity;
- High wetting power and no sticky residual;
- No micro scraps and sludge;
- Minimum abrasive effect on the stamps;
- High anti-rust power, even in vapour phase;
- No chemical active substances (Chlorine derivatives, etc.) on the lamination film, in order to safe its dielectric characteristics;
- No dry-sticky residual, which helps the correct management of lamination package formation.

Operating Instruction:

1) Percentage Use

The percentage use of **TORMA TF2 PL** ranges, according to different factors as water hardness for the emulsion, required protection, etc.

Average percentage use: 6-8%

2) Emulsion formation

TORMA TF2 PL solubilizes easily and quickly, both manual and through a blender. In the first case, is fundamental to pour the product in the water (not vice versa), in order to let **TORMA TF2 PL** spread uniformly. This operation, if made slowly and with regular shaking, will ensure to the emulsion a better stability and will give value to the product characteristics. **TORMA TF2 PL** correctly solubilizes also through aspiration and volumetric blender, with the recommendation to periodically verify the calibration and the correct efficiency.

AVERAGE CHEMICAL AND PHYSICAL PROPERTIES*

Physical Aspect	yellow-orange clear liquid		
pH 5%			10,36
Density at 20°C	ASTM D 1298	Kg/lt	1,039
Alkaline Reserve	S.Q. Bellini P.O. 10.5		37,2
Refractometric Index	S.Q. Bellini P.O. 10.12		1,58

* these data do not constitute specification

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