

SmoothForm 1500

High Performance Metal Forming Fluid



YOUR BENEFITS

- Blend of special oils and extreme pressure and anti wear additives.
- Stable emulsion when mixed with water.
- Provides good lubricity during high speed stroking, avoiding heat generation on the tooling thereby extending tool life..
- Avoids short term rusting of lamination.
- Oil does not exhibit staining on silicone steel or electrical thin plates.
- Low foaming characteristics when mixed with water.
- Does not hamper post stamping processes like steam blowing and die casting.
- Non hazardous product, does not contain any ozone depleting substances or chlorinated, sulphur or phosphorous compounds.
- Environment-friendly product that does not cause eye or skin irritation.
- Can be easily mixed with hard water up to hardness of 400 ppm.

APPLICATION

- For high speed motor core and transformer lamination stampings

RECOMMENDED DILUTION RATIO:

- Recommended mixing ratio: 1: 10 with water. May be altered, depending on the type of material or intricacy of stamping.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Clear Liquid
Colour	Visual	-	Yellow
Density @ 29.5°C	ASTM D 1298	gms/cc	0.955 - 1.010
pH (5% in deionized water)	ASTM D 1287	-	9.5 ± 0.5
Cast Iron Corrosion Protection	IP 287	%	3 % BP
Flash Point	ASTM D 92	°C	None

The values quoted above are typical and do not constitute a specification.

INDUSTRY:

Punching &
Stamping

PACK SIZE:

30 Ltrs. / 210 Ltrs.

SHELF LIFE:

24 Months

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice. This supersedes our previously issued data sheets.

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