

## SmoothForm 1500

### High Performance Metal Forming Oil

#### 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 ,does not cause eye or skin irritation
- Can be easily mixed with hard water up to hardness of 400 ppm.

#### Applications:

- For high speed motor core and transformer lamination stampings

Characteristics	Test Method	Unit	Specifications
Colour	Visual	–	Amber
Density @ 27°C	*CTM	gm/cc	0.95 ± 0.05
pH of 5% Solution (in DM water)	*CTM	-	9 to 10
Solution Flash Point	*CTM	°C	None
Cast Iron Corrosion Test 2% in 200 ppm	IP 287	%	2

\*CTM= Corporate Test Method

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

MSDS available, on request.

Due to continual up gradation of products above data is subject to change without notice. This supersedes our previously issued data sheets.

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