

## SmoothForm 4600 S (K)

High Performance Fin Press Oil for Air Conditioners and other Punching



### YOUR BENEFITS

- Vaporizes and does not exhibit oil staining during high speed punching with silicon steel plates or electrical thin plates.
- Ensures that each sheet can be readily separated through the use of a low-boiling point solvents and special additives during the annealing process.
- Extends life of metal moulds during high-speed stroking, thereby increasing productivity.
- Contains highly purified base oil with special lubrication improvement agents and abrasion prevention agent to reduce long collar cracks in fins.
- Provides excellent long term chemical stability. High load carrying capacity. Avoids tool breakages.
- Colourless and odourless. Does not react with aluminium or copper.
- Oil residue compatible with R-407C, R-409, R-410A, R-22, R-134A and other New Age Freons.
- Environment friendly product has no harmful effects on humans.

### APPLICATION

- High speed press in Aluminium, Si. Steel plate (Air Conditioners).
- For related stamping applications in various industries.
- For heat exchanger hair pin copper tubes bending.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Clear
Colour	Visual	-	Colourless
Density 29.5°C	ASTM D 1298	gms/cc	0.70 – 0.80
Viscosity @40°C	ASTM D 445	cSt	1-2
Flash Point	ASTM D 92	°C	65
Pour Point	ASTM D 97	°C	< -35
Aniline Point	ASTM D 611	°C	80
Copper Strip Corrosion [100°C, 2 hrs.]	ASTM D 130	Rating	1a

#### INDUSTRY:

Punching &  
Stamping

#### PACK SIZE:

30 Ltrs. / 210 Ltrs.

#### SHELF LIFE:

24 Months

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

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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