

SmoothForm 4700S (K)

Halal & Kosher Certified Food Grade Forming Oil For
Aluminium Food Containers & Other Punchings



YOUR BENEFITS

- Colourless & transparent oil with excellent long-term chemical stability.
- Does not react with Aluminium & copper.
- Oil vaporizes easily without leaving any stain marks & residue to avoid contamination.
- Contains highly refined base oil with special lubrication additives to prevent friction & wear.
- Has anti-abrasion agents to facilitate the forming process without cracks & deformation.
- Extends the life of tools & dies during the high speed punching & forming processes.
- High load-carrying capacity to avoid tool breaks thereby increasing productivity.
- Oil can be very easily applied by dripping, dipping & mist lubrication process.
- Environment-friendly product has no harmful effects on humans as the raw materials used are FDA- approved.
- The product is HSE and RoHS compliance.
- The product carries Halal & Kosher certification.

APPLICATION

- For Aluminium food container forming
- Forming process of the Aluminium aerosol cans, bottle caps and container lids.
- Stamping & punching of the inner packings of many food & pharma containers.
- Forming, cutting, swaging, expanding and bending of Aluminium & copper tubes.
- Aluminium punching & stamping applications in various industries.
- For heat exchanger copper hair pin tubes bending.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance / Colour	Visual	-	Clear / Colourless
Specific Gravity 29.5°C	*CTM	gms/cc	0.75 – 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
Moisture Content	*CTM	%	Nil
Copper Strip Corrosion [100°C, 2 hrs.]	ASTM D 130	Rating	1a

*CTM=Corporate Test Method

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.

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

INDUSTRY:

Punching
& Stamping

PACK SIZE:

30 Ltrs. / 210 Ltrs.

SHELF LIFE:

24 Months

