

SmoothForm 1800 TD

High Performance Forming & Drawing Oil



YOUR BENEFITS

- Medium viscosity product primarily designed for cold pilgering & tube drawing application.
- Excellent EP properties.
- Contains antioxidants & antiwear additives that provide long sump life and low carryover.

COLD PILGERING

- Reduces frictional heat.
- Closer tolerances on wall thickness and outside diameters.
- Excellent internal & external surface finish.
- Very low dies and mandrel wear.
- Provides maximum reduction per pass of Pilger.
- Excellent recycling property with proper filtration.

DEEP DRAWING

- Easily removable.
- Superior surface finish.
- No heavy scoring marks.
- Easy to apply.
- Closer dimensional tolerances on finished products.

APPLICATION

- Cold Pilgering of tubes in SS and High Nickel alloys.
- Deep drawing operations in steel such as High Nickel/ Chromium Alloy/ Nimonics/ Titanium & Aluminium alloys.
- Fine blanking of steel.
- The product is easily degreased with either solvent, vapour or alkaline bath.

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CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Clear Fluid
Colour	Visual	-	Amber
Density @29.5°C	ASTM D 1298	-	1.15 – 1.25
Kinematic Viscosity @40°C	ASTM D 445	cSt	170 – 190
Four Ball Weld Load	ASTM D 2783	Kgs	800
Copper Strip Corrosion Test	ASTM D 130	Rating	1b
Flash Point	ASTM D 92	°C	> 170

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

Caution: Avoid product contamination with water during use or in storage.

INDUSTRY:

Metal Cutting &
Forming

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.

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.

