

SmoothForm 5000

High Performance Forming oil

Benefits :

- Highly refined chlorinated paraffin oil blend.
- Contains extreme pressure and lubricating additives for high loads and optimum performance.
- Forms tenacious film providing excellent lubricity.
- Superior surface finish of components.
- Extends tool life thereby reducing valuable die life
- Compatible with materials like steel, stainless steel, aluminum and its alloys.

Special Features

- Specially recommended for high intensity forming operation e.g. door latch.
- Suitable for cold pilgering - SS & Alloy Steel.
- Specially formulated for difficult heavy duty operations e.g. Fine Blanking, Tube and Wire Drawing
- Stable at 70°C in actual use.
- Maximum reduction per pass through use of stabilized chlorine.

Applications :

- Heavy duty deep drawing components.
- Cold pilgering of tubes.
- Suitable for fine blanking and stamping of parts like latches, chain components and various other auto and engineering applications.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	-	Viscous
Colour	Visual	-	Dark Amber
Density @ 29°C [Typ.]	CTM*	gms/cc	1.05
Viscosity @ 40°C [range]	ASTM D-445	cSt	550 – 600
Flash Point (COC)	ASTM D-92	°C	>220
Four Ball Weld Load	ASTM D-2596	kgs	800

*CTM=Corporate Test Method

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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