

SmoothPress 9020 (EP)

High Performance Oil for Drawing, Pressing and Bending Operations

Benefits :

- Extends die / mandrel life and maintains fine machined surface due to presence of high quality oil improvement agent.
- Oil provides a high reduction ratio as it forms a strong lubricating film thereby reducing friction.
- Does not cause discoloration on the surface of metals and maintains a clean machined surface after annealing.
- Capable of withstanding high loads and stresses and helps avoid cracking during forming operations. Does not evolve any toxic fumes at high temperatures.
- An eco-friendly non toxic product that does cause eye or skin irritation.
- Contains chosen EP additive package.

Special Features

- Product remains flowable at ambient temperature throughout the year.
- Use of special additives for withstanding severe operations like pressing and bending.
- Low viscosity provides adequate cooling in case of high speed operations.
- Low drag out losses.
- Easily cleanable with cotton waste and water.
- Minimizes wear out of die surfaces.

Applications :

- Ferrous materials like carbon steel, alloy steel, stainless steel and non-ferrous.
- Applications like metal pressing / deep drawing / tube or pipe bending
- For various sheet metal applications in presses.
- Adheres well to surface and can be used by brushing or using pressurized lubrication system.

Characteristics	Test Method	Unit	Specifications
Appearance	Visual	-	Clear
Colour	Visual	-	Amber
Density @ 29°C [Typ]	*CTM	gms/cc	1.0
Viscosity @ 40°C [Range]	ASTM D-445	cSt	80 – 90
Flash Point (COC) [min.]	ASTM D-92	°C	+ 200
Four Ball Weld Load	ASTM D-2596	kgs	800
Copper Strip Corrosion Test	ASTM D-130	Rating	1a

*CTM = Corporate Test Method

Application: By brush.

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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