



Advanced Lubricants Technology

PRODUCT INFORMATION

PERENNIAL PRESSCUT STL – 2F (CHLORINE-FREE PUNCHING OIL FOR THIN METAL SHEET)

DESCRIPTION

PERENNIAL PRESSCUT STL – 2F is a very low viscosity, **chlorine-free, synthetic solvent based** fluid by Fischer Tropsch Technology which is specially developed as a self evaporating, a fast evaporating, low smell punching, stamping oil. It offers an excellent finishing and lubricity. Since it has non-active, non-staining, chlorine-free EP, it is mainly designed for motor core industries and it has excellent compatibility with **HFC and HCFC refrigerants and POE lubricants in air-con industries**. The finished products would have **no oil film** in order to undergo further operations such as plating and phosphating unless the products must be absolutely clean.

APPLICATIONS

PERENNIAL PRESSCUT STL – 2F is primary used in the light duty stamping and blanking operations on ferrous and non ferrous metals as well as for tapping, drawing, shallow drawing and hole flanging. It also can be used for forming of sheet metals. It is mainly used in computer-related or electronics industries and motor industries. It is fortified with selected additives to provide a smooth surface finish, reduce burr and longer tool life as well as protects against rust and corrosion. **PERENNIAL PRESSCUT STL – 2F** is light color in appearance and has a pleasant neutral odour. It is also non-irritating to the skin under normal usage. It does not contain any harmful or toxic components and is free of **sulphur, chlorine and silicone**.

PERFORMANCE

It is highly stable and field tested to provide outstanding multifunctional characteristics :

- Compatible and non-reactive to HFC, HCFC refrigerants and POE lubricants
- Excellent EP properties / Good lubricity gives fine surface finish
- Low odour / Does not cause skin irritation under normal usage
- Suitable for ferrous and non ferrous metals with special additives, does not stain yellow metals
- Good corrosion resistance and does not require degreasing process
- Provides general lubrication to machinery parts
- It dries quickly and leaves almost no residue behind

TECHNICAL DATA

Density, g/ml @ 15 ° C	: 0.791	Synthetic Lubricity Agent	: Yes
Flash Point, COC, ° C	: 45	Corrosion Inhibitors	: Yes
Viscosity, cSt @ 40 ° C	: 1.05	Chlorine	: 0%
Colour, ASTM D1500	: L0.5	Sulphur	: 0%
Copper Corrosion	: 1A	Silicone	: 0%

The above details is typical and does not constitute a contract in terms of properties

Also as MALAYSIA'S Official Distributor for
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