



Advanced Lubricants Technology

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## PRODUCT INFORMATION

### PERENNIAL TAPCUT EP-777 ( EXTREME HEAVY DUTY TAPPING FLUID FOR HARD MATERIALS)

#### DESCRIPTION

PERENNIAL TAPCUT EP-777 is a very effective, advanced technology heavy duty neat tapping oil which is having cooling effects of ozone-friendly formula with no 1,1,1 TRICHLOROETHANE. It ensures long tool life and good cutting performance. It imparts excellent surface finish to the work piece due to its unique lubricity additives package. It is fortified with specially selected lubricity additives, heat stabilized EP, sulphurized fatty and incorporates a highly effective corrosion protection system. It also contains special fatty substance which provide good wetting and heat removal properties. Due to its copper active and should not be used on non ferrous metals.

#### APPLICATIONS

PERENNIAL TAPCUT EP-777 is specially developed and formulated for tapping, broaching , threading, thread rolling, gear shaping, reaming, deep drilling, hobbing, turning and sawing of ferrous metals, high tensile steels ,high nickel alloy steels and mild steels. It is also designed for extreme hard materials such as stainless steels as well.

NOTE : Avoid prolonged and repeated exposure to the product as this could cause skin irritation problems. Under good standards of personal and industrial hygiene. PERENNIAL TAPCUT EP-777 will not pose any health or safety hazards.

#### PERFORMANCE

PERENNIAL TAPCUT EP-777 is highly stable and field tested to provide the following outstanding multifunctional characteristics :

- provides excellent EP and lubricity to extend cutting tool life
- provides excellent surface finish to machined parts
- excellent corrosion resistance due to its special corrosion inhibitors and easy to clean
- improves work efficiency with fewer rejects
- reduce machining costs
- low odour

#### TYPICAL DATA

Density @ 15 ° C	: 0.8750 g/ ml
Flash Point, COC	: 230 + ° C
Viscosity, cSt @ 40 ° C	: 26.00
Colour	: Dark Brown/red Transparent
Copper Corrosion	: 4

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