

MOL-MET Series

Neat Cutting Oil

Product Description:

MOL-MET Series is extra high performance neat cutting oils. It is chlorine-free and is intended for severe cutting operations especially on difficult to machine steels. It demonstrates superior surface finish, extended tool life and control of built-up edge. Their light color enables the work area to be seen during machining operations. Closer tolerances are consistently achieved. It is formulated to prevent the formation of oil mist in the vicinity of the tools.

Features:

- Longer tool life and less downtime for tool change.
- Improve the surface finish, closer tolerances and reduced formation of built-up edge
- Higher feed rates possible for reduced operating costs.
- Broad multi-purpose capability for severe machining operations on difficult steels.
- Light transparent color provides a clear view of the tool and work piece.
- Anti-mist formulation improves the workplace safety

Applications:

- MOL-MET Series is used for tapping, threading, milling, gear shaving, shaping, broaching, planning, parting-off and automatic lathe operations.
- suitable for drilling, deep hole drilling (less than 20 mm diameter).

Health, Safety and Environment:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

Storage Conditions:

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 2 years

Packing Available in:

- 20 Lit - 208 Lit

Physical and Chemical Conditions:

MOL-MET Series	Value	Value
Kinematic Viscosity @ 40° C	22	32
Kinematic Viscosity @ 100° C	3	5
Flash Point (COC), °C ASTM D 92	160	200
Specific Gravity @ 15° C kg/l, ASTM D 1298	0.87	0.9
Sulfur, Active	1.6	1.6
Anti-Mist Package	Present	Present
Friction Modifier	Present	Present
Chlorine	Nil	Nil