



Martol EP 180

APPLICATIONS

Martol EP 180 is ideally suited to heavy-duty machining of hard steels:

- gear cutting,
- tapping,
- drilling.

ADVANTAGES

Martol EP 180 is formulated from extreme-pressure sulfochlorinated. It is suitable for forming work such as:

- cold rolling of tubes from hard steels and stainless steels,
- deep drawing, etc.
- **Martol EP 180** is not suited to working on copper metals.

PROPERTIES

- Excellent extreme-pressure powers conferred by the association of sulphurated and **chlorinated additives**.
- Improved lubricity: the integrated fatty matter heightens the shear resistance of the oil film by depositing its molecules on the metal surface and by sustaining a thin boundary layer of lubricant which prevents metal/metal contact (chip/cutting tool) and reduces wear.
- High thermal stability of components so that the product does not emit unpleasant vapours even when affected by very high temperatures in the work area.
- Resistance to oxidation and stable service.

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial advisor or downloaded at ms-sds.totalenergies.com

TYPICAL CHARACTERISTICS

Typical characteristics	Methods	Units	Martol EP 180
Density at 15 °C	ISO 3675	kg/m ³	1055
Viscosity at 40 °C	ISO 2592	°C	228
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	177

The characteristics shown in this table are typical values given for illustrative purposes.

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